

10/803,278

=> d his

(FILE 'HOME' ENTERED AT 12:48:25 ON 06 OCT 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 12:48:49 ON 06 OCT 2004

L1 1241804 S KINASE?  
L2 456430 S HUMAN AND L1  
L3 6727935 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 225301 S L2 AND L3  
L5 3837114 S "FETAL (A) BRAIN?" OR PITUITARY OR LUNG OR KIDNEY OR LYMPH  
L6 24732 S L4 AND L5  
L7 717133 S THYROID OR TESTIS  
L8 1515 S L6 AND L7  
L9 414238 S SERINE OR THREONINE  
L10 196 S L8 AND L9  
L11 126 DUP REM L10 (70 DUPLICATES REMOVED)  
E WALKER D W/AU  
L12 114 S E3-E4  
E SCOVILLE J/AU  
L13 31 S E3  
E FRIDDLE C J/AU  
L14 159 S E3-E6  
L15 267 S L12 OR L13 OR L14  
L16 23646 S L4 AND L9  
L17 10 S L15 AND L16  
L18 8 DUP REM L17 (2 DUPLICATES REMOVED)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1652MXM

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 Jul 12 BEILSTEIN enhanced with new display and select options,  
resulting in a closer connection to BABS  
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display  
fields  
NEWS 5 AUG 02 CPlus and CA patent records enhanced with European and Japan  
Patent Office Classifications  
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!  
(Version 7.01 for Windows) now available  
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
status data from INPADOC  
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 12 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ  
NEWS 13 SEP 27 STANDARDS will no longer be available on STN  
NEWS 14 SEP 27 SWETSCAN will no longer be available on STN  
  
NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:48:25 ON 06 OCT 2004

=> file medline embase biosis biotechds scisearch hcplus ntis lifesci		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 12:48:49 ON 06 OCT 2004

FILE 'EMBASE' ENTERED AT 12:48:49 ON 06 OCT 2004  
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'BIOSIS' ENTERED AT 12:48:49 ON 06 OCT 2004  
Copyright (c) 2004 The Thomson Corporation.

FILE 'BIOTECHDS' ENTERED AT 12:48:49 ON 06 OCT 2004  
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'SCISEARCH' ENTERED AT 12:48:49 ON 06 OCT 2004  
Copyright (c) 2004 The Thomson Corporation.

FILE 'HCAPLUS' ENTERED AT 12:48:49 ON 06 OCT 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 12:48:49 ON 06 OCT 2004  
Compiled and distributed by the NTIS, U.S. Department of Commerce.  
It contains copyrighted material.  
All rights reserved. (2004)

FILE 'LIFESCI' ENTERED AT 12:48:49 ON 06 OCT 2004  
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

=> s kinase?

L1 1241804 KINASE?

=> s human and l1

L2 456430 HUMAN AND L1

=> s clon? or express? or recombinant

5 FILES SEARCHED...

L3 6727935 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3

L4 225301 L2 AND L3

=> s "fetal (a) brain?" or pituitary or lung or kidney or lymph

5 FILES SEARCHED...

L5 3837114 "FETAL (A) BRAIN?" OR PITUITARY OR LUNG OR KIDNEY OR LYMPH

=> s l4 and l5

L6 24732 L4 AND L5

=> s thyroid or testis

L7 717133 THYROID OR TESTIS

=> s l6 and l7

L8 1515 L6 AND L7

=> s serine or threonine

L9 414238 SERINE OR THREONINE

=> s l8 and l9

L10 196 L8 AND L9

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 126 DUP REM L10 (70 DUPLICATES REMOVED)

=> d 1-126 ibib

L11 ANSWER 1 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-14790 BIOTECHDS

TITLE: Chimeric polypeptide for detecting apoptosis, comprises a domain with a bioluminescent or chemiluminescent polypeptide, or a heterologous **kinase**, and a domain with a silencing group and an endogenous protease cleavage motif; **recombinant** chimeric fusion protein production useful for monitoring caspase activity

AUTHOR: ROSS B D; REHEMTULLA A

PATENT ASSIGNEE: ROSS B D; REHEMTULLA A

PATENT INFO: US 2004053332 18 Mar 2004

APPLICATION INFO: US 2003-452184 2 Jun 2003

PRIORITY INFO: US 2003-452184 2 Jun 2003; US 2000-737255 13 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-314333 [29]

L11 ANSWER 2 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-12491 BIOTECHDS

TITLE: Diagnosing **lung** cancer by contacting sample comprising **lung** cells from subject with probe that hybridizes to nucleic acid having **human** bromo domain **testis** specific gene product cDNA sequence and determining hybridization; DNA probe and vector **expression** in host cell for use in disease diagnosis

AUTHOR: SCANLAN M J; GURE A; OLD L J; CHEN Y; WILLIAMSON B

PATENT ASSIGNEE: LUDWIG INST CANCER RES

PATENT INFO: US 6686147 3 Feb 2004

APPLICATION INFO: US 1999-392714 9 Sep 1999

PRIORITY INFO: US 1999-392714 9 Sep 1999; WO 1998-14679 15 Jul 1998

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-223796 [21]

L11 ANSWER 3 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:780923 HCAPLUS

TITLE: Gene **expression** profiling methods and algorithms to determine the primary origin of tumors

INVENTOR(S): Bowtell, David; Tothill, Richard; Holloway, Andrew; Kowalczyk, Adam; Van Laar, Ryan

PATENT ASSIGNEE(S): Peter MacCallum Cancer Institute, Australia

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2004081564	A1	20040923	WO 2004-AU299	20040312
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,			



TD, TG  
PRIORITY APPLN. INFO.:

AU 2003-901177 A 20030314  
AU 2003-907084 A 20031222

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:718744 HCAPLUS

DOCUMENT NUMBER: 141:242025

TITLE: Inflammation-associated genes and proteins for  
assessing transplant recipient's risk of delayed graft  
function, graft rejection and long-term prognosis

INVENTOR(S): Strom, Terry B.; Libermann, Towia; Schachter, Asher

PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, Inc., USA

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074815	A2	20040902	WO 2004-US4839	20040217
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-447540P P 20030214

L11 ANSWER 5 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:718550 HCAPLUS

DOCUMENT NUMBER: 141:241509

TITLE: Differentially **expressed** nucleic acids that  
correlate with KSP **expression** and their use  
as markers for diagnosis, classification, and  
treatment of cancer

INVENTOR(S): Huang, Pearl S.; Jackson, Jeffrey R.

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA; Hedge, Priti S.

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074301	A2	20040902	WO 2004-US4276	20040213
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,  
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-447842P P 20030214

L11 ANSWER 6 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:449884 HCAPLUS

DOCUMENT NUMBER: 140:420388

TITLE: Binary prediction tree modeling with many predictors  
and its uses in clinical and genomic applications

INVENTOR(S): Nevins, Joseph R.; West, Mike; Huang, Andrew T.

PATENT ASSIGNEE(S): Duke University, USA

SOURCE: PCT Int. Appl., 886 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004038376	A2	20040506	WO 2003-XB33946	20031024
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2004038376	A2	20040506	WO 2003-US33946	20031024
WO 2004038376	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2002-420729P P 20021024  
US 2002-421062P P 20021025  
US 2002-421102P P 20021025  
US 2002-424701P P 20021108  
US 2002-424715P P 20021108  
US 2002-424718P P 20021108  
US 2002-425256P P 20021112  
US 2003-448461P P 20030221  
US 2003-448462P P 20030221  
US 2003-457877P P 20030327  
US 2003-458373P P 20030331  
WO 2003-US33946 A 20031024

L11 ANSWER 7 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:371064 HCAPLUS

DOCUMENT NUMBER: 140:373461

TITLE: Evaluation of breast cancer states and outcomes using  
 gene expression profiles  
 INVENTOR(S): West, Mike; Nevins, Joseph R.; Huang, Andrew  
 PATENT ASSIGNEE(S): Synpac, Inc., USA  
 SOURCE: PCT Int. Appl., 799 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 5  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037996	A2	20040506	WO 2003-US33656	20031024
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004083084	A1	20040429	US 2002-291878	20021112
WO 2004044839	A2	20040527	WO 2002-US38216	20021112
W:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
RW:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
US 2004106113	A1	20040603	US 2002-291886	20021112
PRIORITY APPLN. INFO.:			US 2002-420729P	P 20021024
			US 2002-421062P	P 20021025
			US 2002-421102P	P 20021025
			US 2002-424701P	P 20021108
			US 2002-424715P	P 20021108
			US 2002-424718P	P 20021108
			US 2002-291878	A 20021112
			US 2002-291886	A 20021112
			US 2002-425256P	P 20021112
			WO 2002-US38216	A 20021112
			WO 2002-US38222	A 20021112
			US 2003-448461P	P 20030221
			US 2003-448462P	P 20030221
			US 2003-457877P	P 20030327
			US 2003-458373P	P 20030331

L11 ANSWER 8 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2004:355085 HCAPLUS  
 DOCUMENT NUMBER: 140:369944  
 TITLE: **Human** tissue-specific housekeeping genes  
 identified by **expression** profiling  
 INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo  
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan  
 SOURCE: PCT Int. Appl., 372 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent

LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035785	A1	20040429	WO 2002-JP10753	20021016
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: WO 2002-JP10753 20021016  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 9 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2004:120760 HCAPLUS  
DOCUMENT NUMBER: 140:193038  
TITLE: Use of mouse genes involved in tumor development for the development of anti-cancer drugs  
INVENTOR(S): Van Lohuizen, Maarten Matthijs Sharif; Berns, Antonius Jozef Maria; Martins, Carla Pedro; Mikkers, Henricus Martinus Maria; Lenz, Jack Richard; Lund, Anders Henrik; De Koning, John Paul  
PATENT ASSIGNEE(S): Kylix B.V., Neth.  
SOURCE: PCT Int. Appl., 280 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004012817	A2	20040212	WO 2003-EP8470	20030731
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1386639	A1	20040204	EP 2002-78143	20020731
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
US 2004033974	A1	20040219	US 2002-224524	20020819
PRIORITY APPLN. INFO.:			EP 2002-78143	A 20020731
			US 2002-224524	A 20020819

L11 ANSWER 10 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2004:513139 HCAPLUS  
DOCUMENT NUMBER: 141:66282  
TITLE: Protein and cDNA sequences of 11 novel genes 27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002,

INVENTOR(S): 50566, 65552 and 65577, and therapeutic uses therefor  
Meyers, Rachel E.; Carroll, Joseph M.; Cook, William  
James; Kapeller-Libermann, Rosana; Weich, Nadine S.;  
Bandaru, Rajasekhar  
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA  
SOURCE: U.S. Pat. Appl. Publ., 217 pp., Cont.-in-part of U.S.  
Pat. Appl. 2003 134,814.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 19  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004121349	A1	20040624	US 2003-391364	20030318
US 6569657	B1	20030527	US 2000-717926	20001121
US 2002061574	A1	20020523	US 2001-922138	20010803
US 2002132332	A1	20020919	US 2001-945327	20010831
US 2002076764	A1	20020620	US 2001-950370	20010910
US 2003073098	A1	20030417	US 2002-103377	20020321
US 2002197703	A1	20021226	US 2002-163316	20020605
US 2003077647	A1	20030424	US 2002-266035	20021007
US 2003100020	A1	20030529	US 2002-268036	20021009
US 2003134814	A1	20030717	US 2002-294039	20021113
PRIORITY APPLN. INFO.:			US 2000-214707P	P 20000627
			US 2000-229425P	P 20000831
			US 2000-229299P	P 20000901
			US 2000-231084P	P 20000908
			US 2000-717926	A2 20001121
			US 2001-278347P	P 20010323
			US 2001-297863P	P 20010613
			US 2001-922138	A2 20010803
			US 2001-945327	A2 20010831
			US 2001-950370	B2 20010910
			US 2001-327820P	P 20011009
			US 2001-328198P	P 20011009
			US 2001-338587P	P 20011113
			US 2002-103377	A2 20020321
			US 2002-163316	A2 20020605
			US 2002-266035	A2 20021007
			US 2002-268036	A2 20021009
			US 2002-294039	A2 20021113

L11 ANSWER 11 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2004:219931 HCAPLUS  
DOCUMENT NUMBER: 140:248186  
TITLE: Use of patterns of gene expression to  
identify tissue types and in disease diagnosis and  
prognosis  
INVENTOR(S): Glinskii, Guennadi V.  
PATENT ASSIGNEE(S): Sidney Kimmel Cancer Center, USA  
SOURCE: U.S. Pat. Appl. Publ., 209 pp., which which which  
which  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004053317	A1	20040318	US 2003-660434	20030910
WO 2004025258	A2	20040325	WO 2003-US28707	20030910

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
 GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
 LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,  
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,  
 NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
 GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-410018P P 20020910  
 US 2002-411155P P 20020916  
 US 2002-429168P P 20021125  
 US 2003-444348P P 20030131  
 US 2003-460826P P 20030403

L11 ANSWER 12 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:85983 HCAPLUS

DOCUMENT NUMBER: 140:194431

TITLE: Human prostate cancer marker genes  
 associated with various metastatic stages identified  
 by gene profiling, and related compositions, kits, and  
 methods for diagnosis, prognosis and therapy

INVENTOR(S): Schlegel, Robert; Endege, Wilson O.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 131 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009481	A1	20040115	US 2002-166883	20020611
US 2004009481	A1	20040115	US 2002-166883	20020611
PRIORITY APPLN. INFO.:			US 2001-297285P	P 20010611
			US 2002-166883	A 20020611

L11 ANSWER 13 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:732209 HCAPLUS

DOCUMENT NUMBER: 141:236706

TITLE: Protein and nucleotide sequences of human  
 p38/JTV-1 protein and its medical uses

INVENTOR(S): Kim, Sunghoon; Park, Bum-Joon

PATENT ASSIGNEE(S): Seoul National University Industry Foundation, S.  
 Korea

SOURCE: Eur. Pat. Appl., 47 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1454628	A2	20040908	EP 2003-20344	20030909
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2004175375	A1	20040909	US 2003-463676	20030618
PRIORITY APPLN. INFO.:			KR 2003-13058	A 20030303

L11 ANSWER 14 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:425202 HCAPLUS  
 DOCUMENT NUMBER: 141:84455  
 TITLE: Regulation of NDR2 Protein Kinase by  
 Multi-site Phosphorylation and the S100B  
 Calcium-binding Protein  
 AUTHOR(S): Stegert, Mario R.; Tamaskovic, Rastislav; Bichsel,  
 Samuel J.; Hergovich, Alexander; Hemmings, Brian A.  
 CORPORATE SOURCE: Friedrich Miescher Institute for Biomedical Research,  
 Basel, CH 4058, Switz.  
 SOURCE: Journal of Biological Chemistry (2004), 279(22),  
 23806-23812  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular  
 Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 15 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2004:218275 HCAPLUS  
 DOCUMENT NUMBER: 140:268594  
 TITLE: Cyclin L2, a Novel RNA Polymerase II-associated  
 Cyclin, Is Involved in Pre-mRNA Splicing and Induces  
 Apoptosis of Human Hepatocellular Carcinoma  
 Cells  
 AUTHOR(S): Yang, Lianjun; Li, Nan; Wang, Chunmei; Yu, Yizhi;  
 Yuan, Liang; Zhang, Minghui; Cao, Xuetao  
 CORPORATE SOURCE: Institute of Immunology, Second Military Medical  
 University, Shanghai, 200433, Peop. Rep. China  
 SOURCE: Journal of Biological Chemistry (2004), 279(12),  
 11639-11648  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular  
 Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 16 OF 126 MEDLINE on STN DUPLICATE 1  
 ACCESSION NUMBER: 2004087179 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 14660640  
 TITLE: Thyroid-stimulating hormone/cAMP and glycogen  
 synthase kinase 3beta elicit opposing effects on  
 Rap1GAP stability.  
 AUTHOR: Tsygankova Oxana M; Feshchenko Elena; Klein Peter S;  
 Meinkoth Judy L  
 CORPORATE SOURCE: Department of Pharmacology, Howard Hughes Medical  
 Institute, University of Pennsylvania School of Medicine,  
 Philadelphia, Pennsylvania 19104, USA.  
 CONTRACT NUMBER: DK45696 (NIDDK)  
 SOURCE: Journal of biological chemistry, (2004 Feb 13) 279 (7)  
 5501-7.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200403  
 ENTRY DATE: Entered STN: 20040224  
 Last Updated on STN: 20040331  
 Entered Medline: 20040330

L11 ANSWER 17 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2004:197884 HCAPLUS  
 DOCUMENT NUMBER: 140:301750  
 TITLE: Identification of regulated genes during permanent focal cerebral ischaemia: characterization of the protein **kinase 9b5/MARKL1/MARK4**  
 AUTHOR(S): Schneider, Armin; Laage, Rico; Von Ahsen, Oliver; Fischer, Achim; Rossner, Moritz; Scheek, Sigrid; Gruenewald, Sylvia; Kuner, Rohini; Weber, Daniela; Krueger, Carola; Klaussner, Bettina; Goetz, Bernhard; Hiemisch, Holger; Newrzella, Dieter; Martin-Villalba, Ana; Bach, Alfred; Schwaninger, Markus  
 CORPORATE SOURCE: Axaron Bioscience AG, Heidelberg, 69120, Germany  
 SOURCE: Journal of Neurochemistry (2004), 88(5), 1114-1126  
 CODEN: JONRA9; ISSN: 0022-3042  
 PUBLISHER: Blackwell Publishing Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 18 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
 ACCESSION NUMBER: 2004051002 EMBASE  
 TITLE: Aberrant methylation of DAP-**kinase** in therapy-related acute myeloid leukemia and myelodysplastic syndromes.  
 AUTHOR: Voso M.T.; Scardocci A.; Guidi F.; Zini G.; Di Mario A.; Pagano L.; Hohaus S.; Leone G.  
 CORPORATE SOURCE: M.T. Voso, Istituto di Ematologia, Universita Cattolica S. Cuore, L.go A. Gemelli, 1, 00168 Rome, Italy.  
 SOURCE: mtvoso@rm.unicatt.it  
 Blood, (15 Jan 2004) 103/2 (698-700).  
 Refs: 24  
 ISSN: 0006-4971 CODEN: BLOOAW  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 016 Cancer  
 025 Hematology  
 037 Drug Literature Index  
 038 Adverse Reactions Titles  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L11 ANSWER 19 OF 126 MEDLINE on STN DUPLICATE 2  
 ACCESSION NUMBER: 2003591477 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 12974676  
 TITLE: GBPI, a novel gastrointestinal- and brain-specific PP1-inhibitory protein, is activated by PKC and inactivated by PKA.  
 AUTHOR: Liu Qing-Rong; Zhang Ping-Wu; Lin Zhicheng; Li Qi-Fu; Woods Amina S; Troncoso Juan; Uhl George R  
 CORPORATE SOURCE: Molecular Neurobiology Branch, National Institute on Drug Abuse-Intramural Research Program, NIH, Department of Health and Human Services, Box 5180, Baltimore, MD 21224, USA.  
 SOURCE: Biochemical journal, (2004 Jan 1) 377 (Pt 1) 171-81.  
 Journal code: 2984726R. ISSN: 1470-8728.  
 PUB. COUNTRY: England: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-AF408400; GENBANK-AY050669; GENBANK-AY050670; GENBANK-AY050671; GENBANK-AY050672; GENBANK-AY050673;



GENBANK-AY122322; GENBANK-AY122323; GENBANK-AY122324;  
GENBANK-AY179331

ENTRY MONTH: 200401  
ENTRY DATE: Entered STN: 20031216  
Last Updated on STN: 20040116  
Entered Medline: 20040115

L11 ANSWER 20 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:2724 HCAPLUS  
DOCUMENT NUMBER: 140:53405  
TITLE: Preventives/remedies for cancer  
INVENTOR(S): Hikichi, Yuichi; Katsuyama, Ryosuke; Kakoi, Yuichi  
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan  
SOURCE: PCT Int. Appl., 87 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000346	A1	20031231	WO 2003-JP7926	20030623
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2004089182	A2	20040325	JP 2003-177462	20030623
PRIORITY APPLN. INFO.:			JP 2002-183148	A 20020624
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 21 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:1006701 HCAPLUS  
DOCUMENT NUMBER: 140:53391  
TITLE: Immunotoxin as a therapeutic agent and uses thereof  
INVENTOR(S): Rosenblum, Michael G.  
PATENT ASSIGNEE(S): Research Development Foundation, USA  
SOURCE: PCT Int. Appl., 57 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003105761	A2	20031224	WO 2003-US18628	20030612
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,			

NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG

US 2004013691 A1 20040122 US 2003-460774 20030612  
PRIORITY APPLN. INFO.: US 2002-388133P P 20020612

L11 ANSWER 22 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:942767 HCAPLUS

DOCUMENT NUMBER: 140:40262

TITLE: Genes **expressed** in atherosclerotic tissue  
and their use in diagnosis and pharmacogenetics

INVENTOR(S): Nevins, Joseph; West, Mike; Goldschmidt, Pascal

PATENT ASSIGNEE(S): Duke University, USA

SOURCE: PCT Int. Appl., 408 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003091391	A2	20031106	WO 2002-XB38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003091391	A2	20031106	WO 2002-US38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2002-374547P P 20020423  
US 2002-420784P P 20021024  
US 2002-421043P P 20021025  
US 2002-424680P P 20021108  
WO 2002-US38221 A 20021112

L11 ANSWER 23 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:837370 HCAPLUS

DOCUMENT NUMBER: 139:333972

TITLE: Gene profiling methods of diagnosing potential for  
metastasis or developing hepatocellular carcinoma and  
of identifying therapeutic targets

INVENTOR(S): Wang, Xin Wei; Ye, Qing-hai; Kim, Jin Woo

PATENT ASSIGNEE(S): The Government of the United States of America, as  
Represented by the Secretary of the Department of  
Health and Human Services, USA

SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087766	A2	20031023	WO 2003-US10783	20030404
WO 2003087766	A3	20040729		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2002-370895P P 20020405

L11 ANSWER 24 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:837255 HCAPLUS

DOCUMENT NUMBER: 139:319351

TITLE: Protein and cDNA sequences of a **human** citron kinase and diagnostic, and therapeutic use

INVENTOR(S): Davison, Daniel B.; Feder, John N.; Lee, Liana M.; Ott, Karl-heinze

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 203 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087332	A2	20031023	WO 2003-US11189	20030411
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

US 2003220224 A1 20031127 US 2003-412897 20030411

PRIORITY APPLN. INFO.: US 2002-372745P P 20020412

L11 ANSWER 25 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:796745 HCAPLUS

DOCUMENT NUMBER: 139:306527

TITLE: Tumor or lymphoma associated antigens OX-TES-1-28 for diagnosis, prognosis and treatment of cancer

INVENTOR(S): Banham, Alison; Pulford, Karen; Liggins, Amanda; Guinn, Barbara

PATENT ASSIGNEE(S): Isis Innovation Limited, UK

SOURCE: PCT Int. Appl., 234 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082916	A2	20031009	WO 2003-GB1378	20030327
WO 2003082916	A3	20040318		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: GB 2002-7251 A 20020327

L11 ANSWER 26 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:377088 HCAPLUS

DOCUMENT NUMBER: 138:380384

TITLE: Method and device for detecting and monitoring alcoholism and related diseases using microarrays

INVENTOR(S): Harris, Adron; Mayfield, Dayne R.; Lewohl, Jo; Dodd, Peter R.

PATENT ASSIGNEE(S): University of Texas System, USA

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003040414	A1	20030515	WO 2002-US35902	20021108
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003104457	A1	20030605	US 2002-291247	20021107
EP 1451374	A1	20040901	EP 2002-802883	20021108
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRIORITY APPLN. INFO.:			US 2001-338270P P 20011108	
			WO 2002-US35902 W 20021108	

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:409169 HCAPLUS

DOCUMENT NUMBER: 138:380506

TITLE: Genes that are differentially expressed during erythropoiesis and their diagnostic and therapeutic uses

INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras, Panayiotis; Zenke, Martin; Lemke, Britt; Hacker,

PATENT ASSIGNEE(S): Christine  
Pfizer Products Inc., USA; Max-Delbrueck-Centrum Fuer  
Molekulare Medizin  
SOURCE: PCT Int. Appl., 285 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2003038130	A2	20030508	WO 2002-US34888	20021031
WO 2003038130	A3	20040212		
WO 2003038130	C1	20040422		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:  
US 2001-335048P P 20011031  
US 2001-335183P P 20011102  
WO 2002-US34888 A 20021031

L11 ANSWER 28 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:282589 HCAPLUS  
DOCUMENT NUMBER: 138:285610  
TITLE: Classification of lung carcinomas by  
analysis of patterns of gene expression  
INVENTOR(S): Golub, Todd; Meyerson, Matthew; Bhattacharjee,  
Arindham; Staunton, Jane  
PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA  
SOURCE: PCT Int. Appl., 125 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003029273	A2	20030410	WO 2002-US30797	20020927
WO 2003029273	A3	20031120		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
 RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG  
 US 2004009489 A1 20040115 US 2002-259233 20020927  
 EP 1444361 A2 20040811 EP 2002-780386 20020927  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK  
 PRIORITY APPLN. INFO.: US 2001-325962P P 20010928  
 WO 2002-US30797 W 20020927

L11 ANSWER 29 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:874888 HCAPLUS  
 DOCUMENT NUMBER: 139:359923  
 TITLE: Protein and cDNA and genomic sequences of a  
 human protein **serine/  
 threonine kinase** (phosphorylating)  
 sequence homolog, its tissue **expression**,  
 SNPs, and therapeutic use  
 INVENTOR(S): Neelam, Beena; Yan, Xianghe; Yan, Chunhua  
 PATENT ASSIGNEE(S): Applera Corporation, USA  
 SOURCE: U.S. Pat. Appl. Publ., 128 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003207311	A1	20031106	US 2003-427923	20030502
WO 2003097793	A2	20031127	WO 2003-US13987	20030505
WO 2003097793	A3	20040311		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,  
 UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG  
 PRIORITY APPLN. INFO.: US 2002-377592P P 20020506  
 US 2003-427923 A 20030502

L11 ANSWER 30 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:492205 HCAPLUS  
 DOCUMENT NUMBER: 139:64332  
 TITLE: Methods for production of biochips and their use in  
 cancer diagnosis and treatment  
 INVENTOR(S): Bignon, Yves Jean; Vidal, Veronique  
 PATENT ASSIGNEE(S): Centre Medico Chirurgical De Tronquieres, Fr.  
 SOURCE: Fr. Demande, 79 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2833969	A1	20030627	FR 2001-16963	20011220
PRIORITY APPLN. INFO.:			FR 2001-16963	20011220
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 31 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:597452 HCAPLUS

DOCUMENT NUMBER: 139:228318

TITLE: Identification and Characterization of a Nuclear Interacting Partner of Anaplastic Lymphoma Kinase (NIPA)

AUTHOR(S): Ouyang, Tao; Bai, Ren-Yuan; Bassermann, Florian; von Klitzing, Christine; Klumpen, Silvia; Miething, Cornelius; Morris, Stephan W.; Peschel, Christian; Duyster, Justus

CORPORATE SOURCE: Laboratory of Leukemogenesis, Department of Internal Medicine III, Technical University of Munich, Munich, 81675, Germany

SOURCE: Journal of Biological Chemistry (2003), 278(32), 30028-30036  
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 32 OF 126 MEDLINE on STN

ACCESSION NUMBER: 2003534168 MEDLINE

DOCUMENT NUMBER: PubMed ID: 14612408

TITLE: Mitogenic effect of orphan receptor TR3 and its regulation by MEKK1 in lung cancer cells.

AUTHOR: Kolluri Siva Kumar; Bruey-Sedano Nathalie; Cao Xihua; Lin Bingzhen; Lin Feng; Han Young-Hoon; Dawson Marcia I; Zhang Xiao-kun

CORPORATE SOURCE: Cancer Center, The Burnham Institute, La Jolla, California 92037, USA.

CONTRACT NUMBER: CA60988 (NCI)  
CA87000 (NCI)  
P01 CA51993 (NCI)

SOURCE: Molecular and cellular biology, (2003 Dec) 23 (23) 8651-67.  
Journal code: 8109087. ISSN: 0270-7306.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200312

ENTRY DATE: Entered STN: 20031113  
Last Updated on STN: 20031217  
Entered Medline: 20031216

L11 ANSWER 33 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:731257 HCAPLUS

DOCUMENT NUMBER: 140:55530

TITLE: Comparative studies of a new subfamily of human Ste20-like kinases: homodimerization, subcellular localization, and selective activation of MKK3 and p38

AUTHOR(S): Yustein, Jason T.; Xia, Liang; Kahlenburg, J. Michelle; Robinson, Dan; Templeton, Dennis; Kung,

CORPORATE SOURCE: Hsing-Jien  
Department of Molecular Biology and Microbiology, Case  
Western Reserve University, Cleveland, OH, 44106-4960,  
USA  
SOURCE: Oncogene (2003), 22(40), 6129-6141  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 34 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2003258410 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12633499  
TITLE: Alternative splicing variants of dual specificity tyrosine  
phosphorylated and regulated **kinase** 1B exhibit  
distinct patterns of **expression** and functional  
properties.  
AUTHOR: Leder Susanne; Czajkowska Hanna; Maenz Barbara; De Graaf  
Katrin; Barthel Andreas; Joost Hans-Georg; Becker Walter  
CORPORATE SOURCE: Institut fur Pharmakologie und Toxikologie, Medizinische  
Fakultat der RWTH Aachen, Wendlingweg 2, Germany.  
SOURCE: Biochemical journal, (2003 Jun 15) 372 (Pt 3) 881-8.  
Journal code: 2984726R. ISSN: 0264-6021.  
PUB. COUNTRY: England: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200307  
ENTRY DATE: Entered STN: 20030605  
Last Updated on STN: 20030724  
Entered Medline: 20030723

L11 ANSWER 35 OF 126 MEDLINE on STN DUPLICATE 3  
ACCESSION NUMBER: 2003003562 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12509453  
TITLE: The Ras/Raf/MEK/extracellular signal-regulated  
**kinase** pathway induces autocrine-paracrine growth  
inhibition via the leukemia inhibitory factor/JAK/STAT  
pathway.  
AUTHOR: Park Jong-In; Strock Christopher J; Ball Douglas W; Nelkin  
Barry D  
CORPORATE SOURCE: The Sidney Kimmel Comprehensive Cancer Center at Johns  
Hopkins. Department of Medicine, Johns Hopkins University  
School of Medicine, Baltimore, Maryland 21231, USA.  
CONTRACT NUMBER: R01-CA47480 (NCI)  
R01-CA70244 (NCI)  
R01-CA85567 (NCI)  
SOURCE: Molecular and cellular biology, (2003 Jan) 23 (2) 543-54.  
Journal code: 8109087. ISSN: 0270-7306.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200302  
ENTRY DATE: Entered STN: 20030103  
Last Updated on STN: 20030225  
Entered Medline: 20030224

L11 ANSWER 36 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:456013 HCAPLUS  
DOCUMENT NUMBER: 139:115529  
TITLE: Aurora2/BTAK/STK15 is involved in cell cycle



checkpoint and cell survival of aggressive  
non-Hodgkin's lymphoma  
AUTHOR(S): Hamada, Makoto; Yakushijin, Yoshihiro; Ohtsuka,  
Masaki; Kakimoto, Miki; Yasukawa, Masaki; Fujita,  
Shigeru  
CORPORATE SOURCE: First Department of Internal Medicine, Ehime  
University School of Medicine, Ehime, Japan  
SOURCE: British Journal of Haematology (2003), 121(3), 439-447  
CODEN: BJHEAL; ISSN: 0007-1048  
PUBLISHER: Blackwell Publishing Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 37 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:198115 HCAPLUS  
DOCUMENT NUMBER: 138:367335  
TITLE: An LKB1-Interacting Protein Negatively Regulates  
TNF $\alpha$ -Induced NF- $\kappa$ B Activation  
AUTHOR(S): Liu, Wei-Kuang; Chien, Chia-Yi; Chou, Chen-Kung; Su,  
Jin-Yuan  
CORPORATE SOURCE: Department of Life Science, National Yang-Ming  
University, Taipei, 112, Taiwan  
SOURCE: Journal of Biomedical Science (Basel, Switzerland)  
(2003), 10(2), 242-252  
CODEN: JBCIEA; ISSN: 1021-7770  
PUBLISHER: S. Karger AG  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 38 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2003440819 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 14502558  
TITLE: Broad **expression** of fructose-1,6-bisphosphatase  
and phosphoenolpyruvate carboxykinase provide evidence for  
gluconeogenesis in **human** tissues other than liver  
and **kidney**.  
AUTHOR: Yanez Alejandro J; Nualart Francisco; Droppelmann Cristian;  
Bertinat Romina; Brito Monica; Concha Ilona I; Slebe Juan C  
CORPORATE SOURCE: Instituto de Bioquimica, Facultad de Ciencias, Universidad  
Austral de Chile, Casilla 567, Valdivia, Chile.  
SOURCE: Journal of cellular physiology, (2003 Nov) 197 (2) 189-97.  
Journal code: 0050222. ISSN: 0021-9541.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200311  
ENTRY DATE: Entered STN: 20030923  
Last Updated on STN: 20031111  
Entered Medline: 20031110

L11 ANSWER 39 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2003498615 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 14575707  
TITLE: Induction of cell-cell detachment during glucose starvation  
through F-actin conversion by SNARK, the fourth member of  
the AMP-activated protein **kinase** catalytic  
subunit family.  
AUTHOR: Suzuki Atsushi; Kusakai Gen-ichi; Kishimoto Atsuhiko;  
Minegichi Yuji; Ogura Tsutomu; Esumi Hiroyasu

CORPORATE SOURCE: Investigative Treatment Division, National Cancer Center  
Research Institute East, Kashiwa, Chiba, Japan.  
SOURCE: Biochemical and biophysical research communications, (2003  
Nov 7) 311 (1) 156-61.  
Journal code: 0372516. ISSN: 0006-291X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200401  
ENTRY DATE: Entered STN: 20031025  
Last Updated on STN: 20040122  
Entered Medline: 20040121

L11 ANSWER 40 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN

ACCESSION NUMBER: 2004297651 EMBASE  
TITLE: Role of the transcription factor CREB (cAMP response  
element binding protein) in endocrine tissue development  
and tumorigenesis.  
AUTHOR: Rosenberg D.; Groussin L.; Cazabat L.; Jullian E.;  
Rene-Corail F.; Bertagna X.; Bertherat J.  
CORPORATE SOURCE: Dr. J. Bertherat, Departement d'Endocrinologie, Institut  
Cochin, 24, rue du Fg-St-Jacques, 75014, Paris, France.  
jerome.bertherat@cch.ap-hop-paris.fr  
SOURCE: Journal of Endocrine Genetics, (2003) 3/3-4 (105-113).  
Refs: 41  
ISSN: 1565-012X CODEN: JEJEF6  
COUNTRY: Israel  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 003 Endocrinology  
016 Cancer  
022 Human Genetics  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 41 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:580713 HCAPLUS  
DOCUMENT NUMBER: 139:375207  
TITLE: Four naturally occurring mutations in the  
human GnRH receptor affect ligand binding and  
receptor function  
AUTHOR(S): Bedecarrats, Gregoy Y.; Linher, Katja D.; Janovick, Jo  
Ann; Beranova, Milena; Kada, Faiza; Seminara,  
Stephanie B.; Conn, P. Michael; Kaiser, Ursula B.  
CORPORATE SOURCE: Department of Medicine, Division of Endocrinology,  
Diabetes and Hypertension, Brigham and Women's  
Hospital and Harvard Medical School, Boston, MA,  
02115, USA  
SOURCE: Molecular and Cellular Endocrinology (2003), 205(1-2),  
51-64  
CODEN: MCEND6; ISSN: 0303-7207  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 42 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 4

ACCESSION NUMBER: 2003-08495 BIOTECHDS  
TITLE: Detecting or diagnosing inflammatory disease states, e.g.  
those occurring in inflamed organs (e.g. pancreas, tonsils,  
lung, kidney, liver or skin), by measuring

indicators of Pim-2 or Pim-2 mRNA levels in the tissue sample of patients;

**recombinant** protein gene level measurement and antisense oligonucleotide for use in gene therapy

AUTHOR: LI J; LI X J; BARTON R  
PATENT ASSIGNEE: BOEHRINGER INGELHEIM PHARM INC  
PATENT INFO: WO 2002094195 28 Nov 2002  
APPLICATION INFO: WO 2002-US16276 23 May 2002  
PRIORITY INFO: US 2001-333848 28 Nov 2001; US 2001-292968 23 May 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-120746 [11]

L11 ANSWER 43 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 5

ACCESSION NUMBER: 2003-07401 BIOTECHDS

TITLE: Novel transgenic mouse useful as disease model and for identifying agents that modulate gene **expression** and gene function, comprises a disruption in a mitogen-and stress-activated protein **kinase** gene;  
transgenic mouse model construction involving vector-mediated gene transfer and **expression** in embryonic stem cell for use in gene therapy and drug screening

AUTHOR: ALLEN K D  
PATENT ASSIGNEE: DELTAGEN INC  
PATENT INFO: WO 2002079444 10 Oct 2002  
APPLICATION INFO: WO 2002-US9854 29 Mar 2002  
PRIORITY INFO: US 2002-112286 28 Mar 2002; US 2001-280370 29 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-067451 [06]

L11 ANSWER 44 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 6

ACCESSION NUMBER: 2003-01894 BIOTECHDS

TITLE: Novel polynucleotide encoding **human** proteins that are structurally similar to animal **kinases**, useful for drug screening, diagnosis, in gene therapy of disorders and diseases e.g. cancer and pharmacogenomic applications;  
**recombinant** enzyme protein production and sense and antisense sequence use in disease therapy and gene therapy

AUTHOR: YU X; MIRANDA M; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002059325 1 Aug 2002  
APPLICATION INFO: WO 2001-US50497 20 Dec 2001  
PRIORITY INFO: US 2000-258335 27 Dec 2000; US 2000-258335 27 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-599796 [64]

L11 ANSWER 45 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 7

ACCESSION NUMBER: 2002-12398 BIOTECHDS

TITLE: Novel polynucleotide encoding novel **human** protein sharing structural similarity with animal **kinases** e.g. **serine-threonine**, calcium/calmodulin-dependent, and myosin light chain **kinases**, useful as probes and primers;  
vector-mediated gene transfer, **expression** in host cell, antibody, antisense oligonucleotide and ribozyme for **recombinant** protein production, drug screening and gene therapy

AUTHOR: FRIDDLE C J; HILBUN E; NEPOMNICHY B; HU Y  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002018555 7 Mar 2002  
APPLICATION INFO: WO 2000-US26776 31 Aug 2000  
PRIORITY INFO: US 2000-229280 31 Aug 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-292200 [33]

L11 ANSWER 46 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 8

ACCESSION NUMBER: 2003-00720 BIOTECHDS  
TITLE: New chimeric polypeptide, useful for detecting protease activity in sample, comprises domains having bioluminescent/chemiluminescent polypeptide, heterologous **kinase**, silencing moiety and endogenous protease cleavage motif;  
**recombinant** protein production via plasmid **expression** in host use in disease therapy

AUTHOR: ROSS B D; REHEMTULLA A  
PATENT ASSIGNEE: ROSS B D; REHEMTULLA A  
PATENT INFO: US 2002073441 13 Jun 2002  
APPLICATION INFO: US 2000-737255 13 Dec 2000  
PRIORITY INFO: US 2000-737255 13 Dec 2000; US 2000-737255 13 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-598516 [64]

L11 ANSWER 47 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
ACCESSION NUMBER: 2002-19630 BIOTECHDS

TITLE: New **testis** specific **serine/threonine kinase** polypeptide, useful for screening for potential **human** therapeutic agents or diagnostic markers for fertility;  
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in contraceptive drug screening

AUTHOR: KOPF G S; HERR J C; VISCONTI P; HAO Z  
PATENT ASSIGNEE: UNIV VIRGINIA PATENT FOUND; KOPF G S  
PATENT INFO: WO 2002038732 16 May 2002  
APPLICATION INFO: WO 2000-US46803 9 Nov 2000  
PRIORITY INFO: US 2001-264921 30 Jan 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-547523 [58]

L11 ANSWER 48 OF 126 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
ACCESSION NUMBER: 2002-19957 BIOTECHDS

TITLE: Novel amino acid sequence encoding cell division antigen, useful as a therapeutic and diagnostic agent for treating cell division associated diseases including cancer;  
vector-mediated **recombinant** protein gene transfer and **expression** in HeLa, HepG2, COS or African green monkey cell culture

AUTHOR: CHAI Z; TOH B  
PATENT ASSIGNEE: UNIV MONASH  
PATENT INFO: WO 2002036768 10 May 2002  
APPLICATION INFO: WO 2000-AU1418 3 Nov 2000  
PRIORITY INFO: AU 2000-1213 3 Nov 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-537299 [57]

L11 ANSWER 49 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:869083 HCAPLUS  
 DOCUMENT NUMBER: 137:381501  
 TITLE: Protein-protein interaction domains of adipocyte proteins and method for screening for association-inhibiting drugs  
 INVENTOR(S): Legrain, Pierre; Whiteside, Simon; Mao, Jen-I.; Khrebtukova, Irina; Luo, Shujun  
 PATENT ASSIGNEE(S): Hybrigenics, Fr.; Lynx Therapeutics, Inc.  
 SOURCE: PCT Int. Appl., 232 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090544	A2	20021114	WO 2002-EP6333	20020503
WO 2002090544	A3	20031120		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003232421	A1	20031218	US 2002-139794	20020506
PRIORITY APPLN. INFO.:			US 2001-288885P	P 20010504

L11 ANSWER 50 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:391912 HCAPLUS  
 DOCUMENT NUMBER: 137:1836  
 TITLE: Measurement of DNA methylation for analysis of the toxicology of substances  
 INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt  
 PATENT ASSIGNEE(S): Epigenomics Ag, Germany  
 SOURCE: PCT Int. Appl., 113 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
EP 1337668	A2	20030827	EP 2001-996625	20011108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

JP 2004513650	T2	20040513	JP 2002-543021	20011108
US 2004048279	A1	20040311	US 2003-416905	20030514
PRIORITY APPLN. INFO.:			DE 2000-10056802	A 20001114
			WO 2001-EP12951	W 20011108

L11 ANSWER 51 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:293825 HCAPLUS

DOCUMENT NUMBER: 136:321268

TITLE: Protein and cDNA sequences of human  
kinase sequence homologs

INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
US 6610537	B2	20030826		
US 2003207319	A1	20031106	US 2003-462887	20030617
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011
			US 2002-217357	A3 20020809

L11 ANSWER 52 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:937303 HCAPLUS

DOCUMENT NUMBER: 138:20443

TITLE: Endocrine disruptor screening using DNA chips of  
endocrine disruptor-responsive genes

INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi;  
Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki,  
Yuki; Kato, Ikunoshin

PATENT ASSIGNEE(S): Takara Bio Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRIORITY APPLN. INFO.:			JP 2001-73183	A 20010314
			JP 2001-74993	A 20010315

L11 ANSWER 53 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN

ACCESSION NUMBER: 2002433739 EMBASE  
TITLE: [Different interferons: Pharmacology, pharmacokinetics,  
proposed mechanisms, safety and side effects].  
LES DIFFERENTS INTERFERONS: PHARMACOLOGIE, MECANISMES  
D'ACTION, TOLERANCE ET EFFETS SECONDAIRES.  
AUTHOR: Arnaud P.  
CORPORATE SOURCE: P. Arnaud, Departement de Pharmacie, CHU de Rouen, Hopital  
Charles-Nicolle, 1, rue de Germont, 76031 Rouen Cedex,  
France. philippe.arnaud@chu-rouen.fr  
SOURCE: Revue de Medecine Interne, (1 Nov 2002) 23/SUPPL. 4  
(449s-458s).  
Refs: 22  
ISSN: 0248-8663 CODEN: RMEIDE  
PUBLISHER IDENT.: S 0248-8663(02)00659-8  
COUNTRY: France  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 006 Internal Medicine  
030 Pharmacology  
037 Drug Literature Index  
038 Adverse Reactions Titles  
LANGUAGE: French  
SUMMARY LANGUAGE: English; French

L11 ANSWER 54 OF 126 MEDLINE on STN

ACCESSION NUMBER: 2002648540 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12408227  
TITLE: Vitamin D and its analog EB1089 induce p27 accumulation and  
diminish association of p27 with Skp2 independent of PTEN  
in **pituitary** corticotroph cells.  
AUTHOR: Liu Wei; Asa Sylvia L; Ezzat Shereen  
CORPORATE SOURCE: Department of Medicine, Mount Sinai Hospital, Toronto,  
Ontario, Canada.  
SOURCE: Brain pathology (Zurich, Switzerland), (2002 Oct) 12 (4)  
412-9.  
Journal code: 9216781. ISSN: 1015-6305.  
PUB. COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200302  
ENTRY DATE: Entered STN: 20021105  
Last Updated on STN: 20030214  
Entered Medline: 20030212

L11 ANSWER 55 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:70927 HCAPLUS  
DOCUMENT NUMBER: 136:245361  
TITLE: Global gene **expression** analysis of gastric  
cancer by oligonucleotide microarrays  
AUTHOR(S): Hippo, Yoshitaka; Taniguchi, Hirokazu; Tsutsumi,  
Shuichi; Machida, Naoko; Chong, Ja-Mun; Fukayama,  
Masashi; Kodama, Tatsuhiko; Aburatani, Hiroyuki  
CORPORATE SOURCE: Genome Science Division, The University of Tokyo,  
Tokyo, 153-8904, Japan  
SOURCE: Cancer Research (2002), 62(1), 233-240  
CODEN: CNREA8; ISSN: 0008-5472  
PUBLISHER: American Association for Cancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 56 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 2002373890 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 12119563  
 TITLE: Molecular **cloning** and characterization of OSR1 on **human** chromosome 2p24.  
 AUTHOR: Katoh Masaru  
 CORPORATE SOURCE: Genetics and Cell Biology Section, Genetics Division, National Cancer Center Research Institute, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045, Japan.. mkatoh@ncc.go.jp  
 SOURCE: International journal of molecular medicine, (2002 Aug) 10 (2) 221-5.  
 Journal code: 9810955. ISSN: 1107-3756.  
 PUB. COUNTRY: Greece  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200301  
 ENTRY DATE: Entered STN: 20020717  
 Last Updated on STN: 20030123  
 Entered Medline: 20030122

L11 ANSWER 57 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
 ACCESSION NUMBER: 2003112354 EMBASE  
 TITLE: Mullerian inhibiting substance: An update.  
 AUTHOR: MacLaughlin D.T.; Donahoe P.K.  
 CORPORATE SOURCE: D.T. MacLaughlin, Department of Surgery, Massachusetts General Hospital, Harvard Medical School, Boston, MA, United States  
 SOURCE: Advances in Experimental Medicine and Biology, (2002) 511/- (25-40).  
 Refs: 72  
 ISSN: 0065-2598 CODEN: AEMBAP  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Conference Article  
 FILE SEGMENT: 003 Endocrinology  
 007 Pediatrics and Pediatric Surgery  
 016 Cancer  
 021 Developmental Biology and Teratology  
 022 Human Genetics  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L11 ANSWER 58 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:868653 HCAPLUS  
 DOCUMENT NUMBER: 136:15959  
 TITLE: Nucleic acid encoding a **human serine** /**threonine** protein **kinase** and its screening and therapeutic uses  
 INVENTOR(S): Wei, Ming-hi; Zhu, Shiao ping; Woodage, Trevor; Di Francesco, Valentina; Beasley, Ellen M.  
 PATENT ASSIGNEE(S): Applera Corporation, USA  
 SOURCE: PCT Int. Appl., 66 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524



WO 2001090328 A3 20020718  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
US 6482935 B1 20021119 US 2000-691861 20001018  
EP 1290185 A2 20030312 EP 2001-937689 20010524  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
JP 2003534008 T2 20031118 JP 2001-587124 20010524  
US 2003022232 A1 20030130 US 2002-259740 20020930  
PRIORITY APPLN. INFO.: US 2000-206550P P 20000524  
US 2000-691861 A 20001018  
WO 2001-US16760 W 20010524

L11 ANSWER 59 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:747846 HCAPLUS  
DOCUMENT NUMBER: 135:284093  
TITLE: Human polynucleotides, polypeptides, and antibodies  
INVENTOR(S): Moore, Paul A.; Ni, Jian; Soppet, Daniel R.; Coleman, Timothy A.; Gentz, Reiner L.; Endress, Gregory A.; Li, Yi; Dillon, Patrick J.  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA  
SOURCE: PCT Int. Appl., 318 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001074896	A1	20011011	WO 2001-US10542	20010402
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1276764	A1	20030122	EP 2001-937162	20010402
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003529357	T2	20031007	JP 2001-572585	20010402
US 2002192749	A1	20021219	US 2001-969384	20011003
PRIORITY APPLN. INFO.:			US 2000-194118P	P 20000403
			US 2000-236384P	P 20000929
			WO 2001-US10542	W 20010402
REFERENCE COUNT: 1		THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 60 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:618177 HCAPLUS  
DOCUMENT NUMBER: 135:191337  
TITLE: Protein and cDNA sequences of novel human kinase homologs and uses thereof in diagnosis,

therapy and drug screening  
 INVENTOR(S) : Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.  
 Alexander, Jr.; Zambrowicz, Brian  
 PATENT ASSIGNEE(S) : Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 70 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:				
			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

L11 ANSWER 61 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:435241 HCAPLUS  
 DOCUMENT NUMBER: 135:41828  
 TITLE: Protein and cDNA sequences of a novel human protein kinase homolog and uses thereof in diagnosis, therapy and drug screening  
 INVENTOR(S) : Donoho, Gregory; Scoville, John; Turner, C. Alexander, Jr.; Friedrich, Glenn; Zambrowicz, Brian; Abuin, Alejandro; Sands, Arthur T.  
 PATENT ASSIGNEE(S) : Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042435	A2	20010614	WO 2000-US33240	20001207
WO 2001042435	A3	20011108		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1240187	A2	20020918	EP 2000-989231	20001207

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2003064495 A1 20030403 US 2000-733388 20001207

US 6602698 B2 20030805

JP 2004504005 T2 20040212 JP 2001-544312 20001207

US 2004014112 A1 20040122 US 2003-446175 20030527

PRIORITY APPLN. INFO.:

US 1999-169428P P 19991207

US 2000-733388 A1 20001207

WO 2000-US33240 W 20001207

L11 ANSWER 62 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:320060 HCAPLUS

DOCUMENT NUMBER: 134:339179

TITLE: Nucleic acids and proteins associated with cancer as  
antitumor targets

INVENTOR(S): Burmer, Glenna C.; Brown, Joseph P.; Pritchard, David

PATENT ASSIGNEE(S): Lifespan Biosciences, Inc., USA

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

WO 2001030964	A2	20010503	WO 2000-US29126	20001020
---------------	----	----------	-----------------	----------

WO 2001030964	A3	20010809		
---------------	----	----------	--	--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001013397	A5	20010508	AU 2001-13397	20001020
---------------	----	----------	---------------	----------

PRIORITY APPLN. INFO.:

US 1999-161232P P 19991022

US 2000-693783 A 20001019

WO 2000-US29126 W 20001020

L11 ANSWER 63 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:247510 HCAPLUS

DOCUMENT NUMBER: 134:261891

TITLE: Protein and cDNA sequences of **human**

**serine/threonine** protein

**kinase** and uses thereof in diagnosis, therapy

and drug screening

INVENTOR(S): Donoho, Gregory; Turner, C. Alexander, Jr.; Nehls,  
Michael; Friedrich, Glenn; Zambrowicz, Brian; Sands,  
Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

WO 2001023579	A1	20010405	WO 2000-US26621	20000927
---------------	----	----------	-----------------	----------

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1220927 A1 20020710 EP 2000-966996 20000927  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL  
 JP 2003510082 T2 20030318 JP 2001-526961 20000927  
 US 6716616 B1 20040406 US 2000-671050 20000927  
 PRIORITY APPLN. INFO.: US 1999-156511P P 19990928  
 WO 2000-US26621 W 20000927  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 64 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:43345 HCAPLUS  
 DOCUMENT NUMBER: 136:319709  
 TITLE: Transcriptional profiling reveals global defects in  
 energy metabolism, lipoprotein, and bile acid  
 synthesis and transport with reversal by leptin  
 treatment in Ob/ob mouse liver  
 AUTHOR(S): Liang, Chien-Ping; Tall, Alan R.  
 CORPORATE SOURCE: Division of Molecular Medicine, Department of  
 Medicine, Columbia University, New York, NY, 10032,  
 USA  
 SOURCE: Journal of Biological Chemistry (2001), 276(52),  
 49066-49076  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular  
 Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 65 OF 126 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 ACCESSION NUMBER: 2002:202356 BIOSIS  
 DOCUMENT NUMBER: PREV200200202356  
 TITLE: **Cloning** and characterization of a p53-related  
 protein **kinase expressed** in  
 interleukin-2-activated cytotoxic T-cells, epithelial tumor  
 cell lines, and the **testes**.  
 AUTHOR(S): Abe, Yasuhito [Reprint author]; Matsumoto, Suguru; Wei,  
 Shumei; Nezu, Kenji; Miyoshi, Akifumi; Kito, Katsumi; Ueda,  
 Norifumi; Shigemoto, Kazuhiro; Hitsumoto, Yasuo; Nikawa,  
 Jun-Ichi; Enomoto, Yosuke  
 CORPORATE SOURCE: First Department of Pathology, Ehime University School of  
 Medicine, Shigenobu, Ehime, 791-0295, Japan  
 yasuhito@m.ehime-u.ac.jp  
 SOURCE: Journal of Biological Chemistry, (November 23, 2001) Vol.  
 276, No. 47, pp. 44003-44011. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 OTHER SOURCE: Genbank-ABO17505; DDBJ-ABO17505; Genbank-ABO28045;  
 DDBJ-ABO28045  
 ENTRY DATE: Entered STN: 20 Mar 2002  
 Last Updated on STN: 20 Mar 2002

L11 ANSWER 66 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:590921 HCAPLUS  
 DOCUMENT NUMBER: 135:287284  
 TITLE: IRAK1b, a novel alternative splice variant of interleukin-1 receptor-associated **kinase** (IRAK), mediates interleukin-1 signaling and has prolonged stability  
 AUTHOR(S): Jensen, Liselotte E.; Whitehead, Alexander S.  
 CORPORATE SOURCE: Department of Pharmacology and Center for Pharmacogenetics, University of Pennsylvania, Philadelphia, PA, 19104, USA  
 SOURCE: Journal of Biological Chemistry (2001), 276(31), 29037-29044  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 67 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 2001200666 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 11287627  
 TITLE: Control of spermatogenesis in mice by the cyclin D-dependent **kinase** inhibitors p18(Ink4c) and p19(Ink4d).  
 AUTHOR: Zindy F; den Besten W; Chen B; Rehg J E; Latres E; Barbacid M; Pollard J W; Sherr C J; Cohen P E; Roussel M F  
 CORPORATE SOURCE: Departments of Tumor Cell Biology, St. Jude Children's Research Hospital, Memphis, Tennessee 38105, USA.  
 CONTRACT NUMBER: CA-21765 (NCI)  
 CA-71907 (NCI)  
 CA-89617 (NCI)  
 P30-13330  
 SOURCE: Molecular and cellular biology, (2001 May) 21 (9) 3244-55. Journal code: 8109087. ISSN: 0270-7306.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200105  
 ENTRY DATE: Entered STN: 20010521  
 Last Updated on STN: 20010521  
 Entered Medline: 20010517

L11 ANSWER 68 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:525041 HCAPLUS  
 DOCUMENT NUMBER: 135:255297  
 TITLE: Novel patterns of gene **expression** in **pituitary** adenomas identified by complementary deoxyribonucleic acid microarrays and quantitative reverse transcription-polymerase chain reaction  
 AUTHOR(S): Evans, Chheng-Orn; Young, Andrew N.; Brown, Milton R.; Brat, Daniel J.; Parks, John. S.; Neish, Andrew S.; Oyesiku, Nelson M.  
 CORPORATE SOURCE: Department of Neurosurgery and Laboratory of Molecular Neurosurgery and Biotechnology, Emory University School of Medicine, Atlanta, GA, 30322, USA  
 SOURCE: Journal of Clinical Endocrinology and Metabolism (2001), 86(7), 3097-3107  
 CODEN: JCEMAZ; ISSN: 0021-972X  
 PUBLISHER: Endocrine Society  
 DOCUMENT TYPE: Journal

LANGUAGE: English  
REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 69 OF 126 MEDLINE on STN DUPLICATE 9  
ACCESSION NUMBER: 2001159980 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11258898  
TITLE: **Thyroid** hormone promotes **serine**  
phosphorylation of p53 by mitogen-activated protein  
**kinase**.  
AUTHOR: Shih A; Lin H Y; Davis F B; Davis P J  
CORPORATE SOURCE: Stratton VA Medical Center, Molecular and Cellular Medicine  
Program, Department of Medicine, Albany Medical College,  
and Wadsworth Center, New York State Department of Health,  
Albany, New York 12208, USA.  
SOURCE: Biochemistry, (2001 Mar 6) 40 (9) 2870-8.  
Journal code: 0370623. ISSN: 0006-2960.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200105  
ENTRY DATE: Entered STN: 20010517  
Last Updated on STN: 20010517  
Entered Medline: 20010510

L11 ANSWER 70 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:517665 HCAPLUS  
DOCUMENT NUMBER: 137:349654  
TITLE: **Cloning**, characterization, and tissue  
**expression** pattern of mouse Nma/BAMBI during  
odontogenesis  
AUTHOR(S): Knight, C.; Simmons, D.; Gu, T. T.; Gluhak-Heinrich,  
J.; Pavlin, D.; Zeichner-David, M.; MacDougall, M.  
CORPORATE SOURCE: Department of Pediatric Dentistry, University of Texas  
Health Science Center at San Antonio, San Antonio, TX,  
78229-3900, USA  
SOURCE: Journal of Dental Research (2001), 80(10), 1895-1902  
CODEN: JDREAF; ISSN: 0022-0345  
PUBLISHER: International Association for Dental Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 71 OF 126 MEDLINE on STN DUPLICATE 10  
ACCESSION NUMBER: 2002057354 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11783945  
TITLE: PBK/TPK is a novel mitotic **kinase** which is  
upregulated in Burkitt's lymphoma and other highly  
proliferative malignant cells.  
AUTHOR: Simons-Evelyn M; Bailey-Dell K; Toretzky J A; Ross D D;  
Fenton R; Kalvakolanu D; Rapoport A P  
CORPORATE SOURCE: Greenebaum Cancer Center, University of Maryland, 22 South  
Greene Street, Baltimore, Maryland 21201, USA.  
SOURCE: Blood cells, molecules & diseases, (2001 Sep-Oct) 27 (5)  
825-9.  
Journal code: 9509932. ISSN: 1079-9796.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200304  
ENTRY DATE: Entered STN: 20020125

Last Updated on STN: 20021211  
Entered Medline: 20030417

L11 ANSWER 72 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN

ACCESSION NUMBER: 2001348412 EMBASE  
TITLE: The RET receptor: Function in development and dysfunction  
in congenital malformation.  
AUTHOR: Mani e S.; Santoro M.; Fusco A.; Billaud M.  
CORPORATE SOURCE: S. Mani e, Laboratoire de Genetique, CNRS UMR 5641, 8  
avenue Rockefeller, Lyon 69373 Cedex 08, France.  
billaud@pop.univ-lyon1.fr  
SOURCE: Trends in Genetics, (1 Oct 2001) 17/10 (580-589).  
Refs: 76  
ISSN: 0168-9525 CODEN: TRGEE2  
PUBLISHER IDENT.: S 0168-9525(01)02420-9  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 021 Developmental Biology and Teratology  
022 Human Genetics  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 73 OF 126 MEDLINE on STN DUPLICATE 11

ACCESSION NUMBER: 2001370408 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11313143  
TITLE: Identification and cellular localization of **human**  
PFTAIRE1.  
AUTHOR: Yang T; Chen J Y  
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of  
Biochemistry and Cell Biology, Shanghai Institutes for  
Biological Sciences, Chinese Academy of Sciences, 320  
Yue-yang Road, Shanghai 200031, China.  
SOURCE: Gene, (2001 Apr 18) 267 (2) 165-72.  
Journal code: 7706761. ISSN: 0378-1119.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AF119833  
ENTRY MONTH: 200106  
ENTRY DATE: Entered STN: 20010702  
Last Updated on STN: 20010702  
Entered Medline: 20010628

L11 ANSWER 74 OF 126 MEDLINE on STN DUPLICATE 12

ACCESSION NUMBER: 2001550745 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11597141  
TITLE: **Cloning** and chromosomal localization of a gene  
encoding a novel **serine/threonine**  
**kinase** belonging to the subfamily of **testis**  
**-specific kinases**.  
AUTHOR: Visconti P E; Hao Z; Purdon M A; Stein P; Balsara B R;  
Testa J R; Herr J C; Moss S B; Kopf G S  
CORPORATE SOURCE: Center for Research on Reproduction & Women's Health,  
University of Pennsylvania, Philadelphia, Pennsylvania,  
19104-6142, USA.  
CONTRACT NUMBER: CA-06927 (NCI)  
D43 00654  
HD06274 (NICHD)  
HD22732 (NICHD)  
HD38082 (NICHD)  
SOURCE: Genomics, (2001 Oct) 77 (3) 163-70.

Journal code: 8800135. ISSN: 0888-7543.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200112  
ENTRY DATE: Entered STN: 20011015  
Last Updated on STN: 20020122  
Entered Medline: 20011204

L11 ANSWER 75 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:775265 HCAPLUS  
DOCUMENT NUMBER: 136:132090  
TITLE: Investigation of differentially **expressed**  
genes during the development of mouse cerebellum  
AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi  
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science  
Institute, RIKEN, Wako, 351-0198, Japan  
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59  
CODEN: GEPEAD; ISSN: 1567-133X  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 76 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2001649128 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11701951  
TITLE: Identification and assignment of the **human**  
NIMA-related protein **kinase** 7 gene (NEK7) to  
**human** chromosome 1q31.3.  
AUTHOR: Kimura M; Okano Y  
CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu University  
School of Medicine, Gifu, Japan.  
SOURCE: Cytogenetics and cell genetics, (2001) 94 (1-2) 33-8.  
Journal code: 0367735. ISSN: 0301-0171.  
PUB. COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AB062450  
ENTRY MONTH: 200112  
ENTRY DATE: Entered STN: 20011112  
Last Updated on STN: 20020420  
Entered Medline: 20011231

L11 ANSWER 77 OF 126 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.  
on STN  
ACCESSION NUMBER: 2001:646285 SCISEARCH  
THE GENUINE ARTICLE: 461WF  
TITLE: Protein phosphatase 2C alpha **expression** in  
normal **human** tissues: an immunohistochemical  
study  
AUTHOR: Lifschitz-Mercer B; Sheinin Y; Ben-Meir D;  
Bramante-Schreiber L; Leider-Trejo L; Karby S; Smorodinsky  
N I; Lavi S (Reprint)  
CORPORATE SOURCE: Tel Aviv Univ, Dept Cell Res & Immunol, IL-69978 Tel Aviv,  
Israel (Reprint); Tel Aviv Univ, Sackler Fac Med, Tel Aviv  
Sourasky Med Ctr, Inst Pathol, IL-64239 Tel Aviv, Israel  
COUNTRY OF AUTHOR: Israel  
SOURCE: HISTOCHEMISTRY AND CELL BIOLOGY, (JUL 2001) Vol. 116, No.  
1, pp. 31-39.  
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY



10010 USA.  
ISSN: 0948-6143.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 32

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 78 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:756836 HCAPLUS  
DOCUMENT NUMBER: 133:318300  
TITLE: **Human** homologs of Drosophila fused gene and protein  
INVENTOR(S): Mosca, Monica; Isacchi, Antonella  
PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy  
SOURCE: PCT Int. Appl., 64 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L11 ANSWER 79 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:608914 HCAPLUS  
DOCUMENT NUMBER: 133:188912  
TITLE: Protein and cDNA sequences of a novel type of **serine/threonine kinase** that specifically phosphorylates the Goodpasture antigen  
INVENTOR(S): Saus, Juan  
PATENT ASSIGNEE(S): Spain  
SOURCE: PCT Int. Appl., 159 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050607	A2	20000831	WO 2000-IB324	20000224
WO 2000050607	A3	20001130		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,			

MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1144650 A2 20011017 EP 2000-911146 20000224  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 AU 760197 B2 20030508 AU 2000-33140 20000224  
 JP 2003525023 T2 20030826 JP 2000-601171 20000224  
 PRIORITY APPLN. INFO.: US 1999-121483P P 19990224  
 WO 2000-IB324 W 20000224

L11 ANSWER 80 OF 126 MEDLINE on STN DUPLICATE 13  
 ACCESSION NUMBER: 2000119319 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 10652352  
 TITLE: Transforming ability of MEN2A-RET requires activation of  
 the phosphatidylinositol 3-kinase/AKT signaling  
 pathway.  
 AUTHOR: Segouffin-Cariou C; Billaud M  
 CORPORATE SOURCE: Laboratoire de Genetique, CNRS UMR 5641, Domaine  
 Rockefeller, 8 Avenue Rockefeller, 69373 Lyon, Cedex 08,  
 France.  
 SOURCE: Journal of biological chemistry, (2000 Feb 4) 275 (5)  
 3568-76.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200003  
 ENTRY DATE: Entered STN: 20000314  
 Last Updated on STN: 20000314  
 Entered Medline: 20000302

L11 ANSWER 81 OF 126 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 ACCESSION NUMBER: 2000:343893 BIOSIS  
 DOCUMENT NUMBER: PREV200000343893  
 TITLE: Molecular cloning of a novel human  
 protein kinase, kpm, that is homologous to  
 warts/lats, a Drosophila tumor suppressor.  
 AUTHOR(S): Hori, Toshiyuki [Reprint author]; Takaori-Kondo, Akifumi;  
 Kamikubo, Yasuhiko; Uchiyama, Takashi  
 CORPORATE SOURCE: Department of Hematology and Oncology, Graduate School of  
 Medicine, Kyoto University, 54 Kawaracho, Shogoin, Sakyo-ku,  
 Kyoto, 606-8507, Japan  
 SOURCE: Oncogene, (22 June, 2000) Vol. 19, No. 27, pp. 3101-3109.  
 print.  
 CODEN: ONCNES. ISSN: 0950-9232.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 10 Aug 2000  
 Last Updated on STN: 7 Jan 2002

L11 ANSWER 82 OF 126 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.  
 on STN  
 ACCESSION NUMBER: 2000:584862 SCISEARCH  
 THE GENUINE ARTICLE: 337WN  
 TITLE: Structure and expression of a membrane component  
 of the inhibin receptor system  
 AUTHOR: Chong H R; Pangas S A; Bernard D J; Wang E; Gitch J; Chen  
 W; Draper L B; Cox E T; Woodruff T K (Reprint)

CORPORATE SOURCE: NORTHWESTERN UNIV, DEPT NEUROBIOL & PHYSIOL, OT HOGAN  
4-150, 2153 N CAMPUS DR, EVANSTON, IL 60208 (Reprint);  
NORTHWESTERN UNIV, DEPT NEUROBIOL & PHYSIOL, EVANSTON, IL  
60208; NORTHWESTERN UNIV, DEPT BIOCHEM MOL BIOL & CELL  
BIOL, EVANSTON, IL 60208; GENENTECH INC, S SAN FRANCISCO,  
CA 94080

COUNTRY OF AUTHOR: USA

SOURCE: ENDOCRINOLOGY, (JUL 2000) Vol. 141, No. 7, pp. 2600-2607.  
Publisher: ENDOCRINE SOC, 4350 EAST WEST HIGHWAY SUITE  
500, BETHESDA, MD 20814-4110.  
ISSN: 0013-7227.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 43

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 83 OF 126 MEDLINE on STN DUPLICATE 14

ACCESSION NUMBER: 2000483169 MEDLINE

DOCUMENT NUMBER: PubMed ID: 10990492

TITLE: Isolation and **expression** of PASK, a  
**serine/threonine kinase**, during  
rat embryonic development, with special emphasis on the  
pancreas.

AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K

CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.

SOURCE: journal of histochemistry and cytochemistry : official  
journal of the Histochemistry Society, (2000 Oct) 48 (10)  
1391-400.  
Journal code: 9815334. ISSN: 0022-1554.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200010

ENTRY DATE: Entered STN: 20001019  
Last Updated on STN: 20020420  
Entered Medline: 20001010

L11 ANSWER 84 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:728004 HCAPLUS

DOCUMENT NUMBER: 134:27766

TITLE: A comparison of aorta and vena cava medial message  
**expression** by cDNA array analysis identifies a  
set of 68 consistently differentially  
**expressed** genes, all in aortic media

AUTHOR(S): Adams, Lawrence D.; Geary, Randolph L.; McManus,  
Bruce; Schwartz, Stephen M.

CORPORATE SOURCE: Department of Pathology, University of Washington,  
Seattle, WA, 98195-7335, USA

SOURCE: Circulation Research (2000), 87(7), 623-631  
CODEN: CIRUAL; ISSN: 0009-7330

PUBLISHER: Lippincott Williams & Wilkins

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 85 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:813311 HCAPLUS

DOCUMENT NUMBER: 134:69549

TITLE: **Cloning** of hHRI, **human**  
heme-regulated eukaryotic initiation factor 2α  
**kinase**: down-regulated in epithelial ovarian

cancers  
AUTHOR(S): Hwang, Sun-Young; Kim, Moon-Kyu; Kim, Jung-Chul  
CORPORATE SOURCE: Department of Immunology, Kyungpook National  
University School of Medicine, Taegu, 700-422, S.  
Korea  
SOURCE: Molecules and Cells (2000), 10(5), 584-591  
CODEN: MOCEEK; ISSN: 1016-8478  
PUBLISHER: Springer-Verlag Singapore Pte. Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 86 OF 126 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.  
on STN

ACCESSION NUMBER: 2000:827664 SCISEARCH  
THE GENUINE ARTICLE: 368YG  
TITLE: Activin A and activin receptors in the human  
thyroid: A link to the female predominance of  
goiter?  
AUTHOR: Schulte K M (Reprint); Jonas C; Krebs R; Roher H D  
CORPORATE SOURCE: UNIV DUSSELDORF, MED EINRICHTUNGEN, DEPT GEN SURG & TRAUMA  
SURG, MOORENSTR 5, D-40225 DUSSELDORF, GERMANY (Reprint)  
COUNTRY OF AUTHOR: GERMANY  
SOURCE: HORMONE AND METABOLIC RESEARCH, (OCT 2000) Vol. 32, No.  
10, pp. 390-400.  
Publisher: GEORG THIEME VERLAG KG, RUDIGERSTR 14, D-70469  
STUTTGART, GERMANY.  
ISSN: 0018-5043.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 57  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 87 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2000160527 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10694743  
TITLE: Murine Myak, a member of a family of yeast YAK1-related  
genes, is highly expressed in hormonally  
modulated epithelia in the reproductive system and in the  
embryonic central nervous system.  
AUTHOR: Shang E; Wang X; Huang J; Yoshida W; Kuroiwa A; Wolgemuth D  
J  
CORPORATE SOURCE: The Center for Reproductive Sciences, Columbia University  
College of Physicians and Surgeons, New York, New York  
10032, USA.  
CONTRACT NUMBER: HD18122 (NICHD)  
SOURCE: Molecular reproduction and development, (2000 Apr) 55 (4)  
372-8.  
Journal code: 8903333. ISSN: 1040-452X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals; Space Life Sciences  
OTHER SOURCE: GENBANK-AF071070  
ENTRY MONTH: 200004  
ENTRY DATE: Entered STN: 20000505  
Last Updated on STN: 20020420  
Entered Medline: 20000421

L11 ANSWER 88 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:773879 HCAPLUS  
DOCUMENT NUMBER: 134:235213

TITLE: In situ analysis of LKB1/STK11 mRNA **expression**  
in **human** normal tissues and tumors  
AUTHOR(S): Rowan, Andrew; Churchman, Michael; Jefferey, Rosemary;  
Hanby, Andrew; Poulson, Richard; Tomlinson, Ian  
CORPORATE SOURCE: Molecular and Population Genetics Laboratory, Imperial  
Cancer Research Fund, London, WC2A 3PX, UK  
SOURCE: Journal of Pathology (2000), 192(2), 203-206  
CODEN: JPTLAS; ISSN: 0022-3417  
PUBLISHER: John Wiley & Sons Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 89 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2000195629 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10729225  
TITLE: A novel murine PKA-related protein **kinase**  
involved in neuronal differentiation.  
AUTHOR: Blaschke R J; Monaghan A P; Bock D; Rappold G A  
CORPORATE SOURCE: Institute of Human Genetics, University of Heidelberg, Im  
Neuenheimer Feld 328, Heidelberg, 69120, Germany.  
SOURCE: Genomics, (2000 Mar 1) 64 (2) 187-94.  
Journal code: 8800135. ISSN: 0888-7543.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AJ238004  
ENTRY MONTH: 200005  
ENTRY DATE: Entered STN: 20000518  
Last Updated on STN: 20020420  
Entered Medline: 20000511

L11 ANSWER 90 OF 126 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
STN  
ACCESSION NUMBER: 2001:299285 BIOSIS  
DOCUMENT NUMBER: PREV200100299285  
TITLE: Selective **expression** of hPim-2 gene in  
**human** non-Hodgkin's lymphoma.  
AUTHOR(S): Cohen, A. M. [Reprint author]; Kremer, E.; Kristt, D.;  
Schwartz, A.; Gal, R.; Don, J.  
CORPORATE SOURCE: Hematology Unit, Rabin Medical Center, Petah-Tikva, Israel  
SOURCE: Blood, (November 16, 2000) Vol. 96, No. 11 Part 2, pp.  
164b. print.  
Meeting Info.: 42nd Annual Meeting of the American Society  
of Hematology. San Francisco, California, USA. December  
01-05, 2000. American Society of Hematology.  
CODEN: BLOOAW. ISSN: 0006-4971.  
DOCUMENT TYPE: Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 20 Jun 2001  
Last Updated on STN: 19 Feb 2002

L11 ANSWER 91 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 2001264907 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 11356339  
TITLE: Multiple endocrine neoplasia type 2B--genetic basis and  
clinical **expression**.  
AUTHOR: Lee N C; Norton J A  
CORPORATE SOURCE: Department of Surgery, University of California, 94143, San  
Francisco, CA, USA.  
SOURCE: Surgical oncology, (2000 Nov) 9 (3) 111-8. Ref: 59

Journal code: 9208188. ISSN: 0960-7404.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200107  
ENTRY DATE: Entered STN: 20010716  
Last Updated on STN: 20010716  
Entered Medline: 20010712

L11 ANSWER 92 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:404994 HCAPLUS  
DOCUMENT NUMBER: 131:54780  
TITLE: **Human** glucose-regulated gene munc13 and  
treatment of diabetic nephropathy  
INVENTOR(S): Silverman, Melvin; Song, Yong  
PATENT ASSIGNEE(S): Can.  
SOURCE: PCT Int. Appl., 83 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9931134	A1	19990624	WO 1998-CA1061	19981119
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2314141	AA	19990624	CA 1998-2314141	19981119
AU 9911388	A1	19990705	AU 1999-11388	19981119
EP 1040125	A1	20001004	EP 1998-954094	19981119
R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
JP 2002508172	T2	20020319	JP 2000-539057	19981119
PRIORITY APPLN. INFO.:			US 1997-69352P	P 19971212
			WO 1998-CA1061	W 19981119
REFERENCE COUNT:	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 93 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:139953 HCAPLUS  
DOCUMENT NUMBER: 130:193625  
TITLE: **Cloning** of cDNA for cell cycle-regulating  
protein AIM-1 and use of AIM-1 as therapeutic agent  
INVENTOR(S): Tatsuka, Masaaki; Terada, Yasuhiko  
PATENT ASSIGNEE(S): Chugai Seiyaku Kabushiki Kaisha, Japan  
SOURCE: PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909160	A1	19990225	WO 1998-JP3641	19980817
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9886496	A1	19990308	AU 1998-86496	19980817
JP 11164694	A2	19990622	JP 1998-246568	19980817
EP 1004667	A1	20000531	EP 1998-937837	19980817

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

US 6759212	B1	20040706	US 2000-485534	20000214
US 2004029157	A1	20040212	US 2003-429849	20030506

PRIORITY APPLN. INFO.: JP 1997-235371 A 19970815  
WO 1998-JP3641 W 19980817  
US 2000-485534 A3 20000214

OTHER SOURCE(S): CASREACT 130:193625  
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 94 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:393031 HCAPLUS  
DOCUMENT NUMBER: 131:40587  
TITLE: **Cloning and expression** of CSAID binding protein CSBPβ cDNA and its potential use in drug screening and genetic diagnosis  
INVENTOR(S): McDonnell, Peter Colon; Young, Peter Ronald  
PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA  
SOURCE: Eur. Pat. Appl., 27 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 922762	A1	19990616	EP 1997-309793	19971204
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 11196873	A2	19990727	JP 1997-369757	19971209
PRIORITY APPLN. INFO.:			EP 1997-309793	A 19971204
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L11 ANSWER 95 OF 126 MEDLINE on STN DUPLICATE 15  
ACCESSION NUMBER: 1999262619 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10329666  
TITLE: The ankyrin repeat-containing adaptor protein Tvl-1 is a novel substrate and regulator of Raf-1.  
AUTHOR: Lin J H; Makris A; McMahon C; Bear S E; Patriotis C; Prasad V R; Brent R; Golemis E A; Tsichlis P N  
CORPORATE SOURCE: Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, Pennsylvania 19107, USA.  
CONTRACT NUMBER: CA06927 (NCI)  
RO1-CA38147 (NCI)  
T32-CA09683 (NCI)  
SOURCE: Journal of biological chemistry, (1999 May 21) 274 (21) 14706-15.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AF123704  
ENTRY MONTH: 199907  
ENTRY DATE: Entered STN: 19990727

Last Updated on STN: 19990727  
Entered Medline: 19990709

L11 ANSWER 96 OF 126 MEDLINE on STN DUPLICATE 16  
ACCESSION NUMBER: 1999167471 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10066767  
TITLE: Murine p38-delta mitogen-activated protein **kinase**  
, a developmentally regulated protein **kinase** that  
is activated by stress and proinflammatory cytokines.  
AUTHOR: Hu M C; Wang Y P; Mikhail A; Qiu W R; Tan T H  
CORPORATE SOURCE: Department of Cell Biology, Amgen, Inc., Thousand Oaks,  
California 91320, USA.. Mickey\_Hu\_99@yahoo.com  
SOURCE: Journal of biological chemistry, (1999 Mar 12) 274 (11)  
7095-102.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals; AIDS  
OTHER SOURCE: GENBANK-AF092534; GENBANK-AF092535; GENBANK-D83073;  
GENBANK-L35264; GENBANK-U66243; GENBANK-X79483  
ENTRY MONTH: 199904  
ENTRY DATE: Entered STN: 19990426  
Last Updated on STN: 19990426  
Entered Medline: 19990413

L11 ANSWER 97 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:727548 HCAPLUS  
DOCUMENT NUMBER: 132:60832  
TITLE: Mouse ULK2, a novel member of the UNC-51-like protein  
**kinases**: unique features of functional domains  
AUTHOR(S): Yan, Jin; Kuroyanagi, Hidehito; Tomemori, Takuya;  
Okazaki, Noriko; Asato, Kuroiwa; Matsuda, Yo-ichi;  
Suzuki, Yo-ichi; Ohshima, Yasumi; Mitani, Shohei;  
Masuho, Yasuhiko; Shirasawa, Takuji; Muramatsu,  
Masa-aki  
CORPORATE SOURCE: Helix Research Institute, Chiba, 292-0812, Japan  
SOURCE: Oncogene (1999), 18(43), 5850-5859  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Stockton Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 98 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:714527 HCAPLUS  
DOCUMENT NUMBER: 132:45656  
TITLE: Mammalian homologues of the plant Tousled gene code  
for cell-cycle-regulated **kinases** with  
maximal activities linked to ongoing DNA replication  
AUTHOR(S): Sillje, H. H. W.; Takahashi, K.; Tanaka, K.; Van  
Houwe, G.; Nigg, E. A.  
CORPORATE SOURCE: Department of Molecular Biology, Sciences II, 30 quai  
Ernest-Ansermet, University of Geneva, Geneva,  
CH-1211/4, Switz.  
SOURCE: EMBO Journal (1999), 18(20), 5691-5702  
CODEN: EMJODG; ISSN: 0261-4189  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



L11 ANSWER 99 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:367484 HCAPLUS  
 DOCUMENT NUMBER: 131:156348  
 TITLE: DNA-PK, the DNA-activated protein kinase, is differentially **expressed** in normal and malignant **human** tissues  
 AUTHOR(S): Moll, Ute; Lau, Raymond; Sypes, Michael A.; Gupta, Malini M.; Anderson, Carl W.  
 CORPORATE SOURCE: Department of Pathology, State University of New York at Stony Brook, Stony Brook, NY, 11794, USA  
 SOURCE: Oncogene (1999), 18(20), 3114-3126  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Stockton Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 100 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:489097 HCAPLUS  
 DOCUMENT NUMBER: 131:255265  
 TITLE: SR protein-specific kinase 1 is highly **expressed** in **testis** and phosphorylates protamine 1  
 AUTHOR(S): Papoutsopoulou, Stamatia; Nikolakaki, Eleni; Chalepakakis, George; Kruff, Volker; Chevaillier, Philippe; Giannakouros, Thomas  
 CORPORATE SOURCE: Laboratory of Biochemistry, School of Chemistry, The Aristotelian University of Thessaloniki, Thessaloniki, 54 006, Greece  
 SOURCE: Nucleic Acids Research (1999), 27(14), 2972-2980  
 CODEN: NARHAD; ISSN: 0305-1048  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 101 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:731711 HCAPLUS  
 DOCUMENT NUMBER: 132:235775  
 TITLE: Antigens recognized by autologous antibody in patients with renal-cell carcinoma  
 AUTHOR(S): Scanlan, Matthew J.; Gordan, John D.; Williamson, Barbara; Stockert, Elisabeth; Bander, Neil H.; Jongeneel, Victor; Gure, Ali O.; Jager, Dirk; Jager, Elke; Knuth, Alexander; Chen, Yao-Tseng; Old, Lloyd J.  
 CORPORATE SOURCE: New York Branch at Memorial Sloan-Kettering Cancer Center, Ludwig Institute for Cancer Research, New York, NY, 10021, USA  
 SOURCE: International Journal of Cancer (1999), 83(4), 456-464  
 CODEN: IJCNW; ISSN: 0020-7136  
 PUBLISHER: Wiley-Liss, Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 102 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 17  
 ACCESSION NUMBER: 1999409437 EMBASE  
 TITLE: **Cloning**, characterization, and chromosome mapping of RPS6KC1, a novel putative member of the ribosome protein S6 kinase family, to chromosome 12q12-q13.1.

AUTHOR: Zhang H.; Yu L.; Mao N.; Fu Q.; Tu Q.; Gao J.; Zhao S.  
 CORPORATE SOURCE: L. Yu, Institute of Genetics, Fudan University, 220 Handan Road, Shanghai 200433, China. longyu@fudan.edu.cn  
 SOURCE: Genomics, (1999) 61/3 (314-318).  
 Refs: 19  
 ISSN: 0888-7543 CODEN: GNMCEP  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 022 Human Genetics  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L11 ANSWER 103 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 1999310677 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 10381580  
 TITLE: **Expression** of LKB1 and PTEN tumor suppressor genes during mouse embryonic development.

AUTHOR: Luukko K; Ylikorkala A; Tiainen M; Makela T P  
 CORPORATE SOURCE: Haartman Institute and Biocentrum Helsinki, P.O. Box 21, 00014 University of Helsinki, Helsinki, Finland.  
 SOURCE: Mechanisms of development, (1999 May) 83 (1-2) 187-90.  
 Journal code: 9101218. ISSN: 0925-4773.

PUB. COUNTRY: Ireland  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199909  
 ENTRY DATE: Entered STN: 19991012  
 Last Updated on STN: 20020420  
 Entered Medline: 19990924

L11 ANSWER 104 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:721462 HCAPLUS  
 DOCUMENT NUMBER: 129:326984  
 TITLE: **Cloning** and cDNA sequence encoding a **human** protein phosphatase  
 INVENTOR(S): Hanke, Michael; Paulista, Michael; Pohl, Jens  
 PATENT ASSIGNEE(S): Biopharm Gesellschaft Zur Biotechnologischen Entwicklung Von Pharmaka Mbh, Germany  
 SOURCE: Eur. Pat. Appl., 15 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 874052	A2	19981028	EP 1998-107346	19980422
EP 874052	A3	19990224		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			EP 1997-106658	19970422

L11 ANSWER 105 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 1998268801 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 9607785  
 TITLE: Rat G protein-coupled receptor **kinase** GRK4: identification, functional **expression**, and differential tissue distribution of two splice variants.

AUTHOR: Virlon B; Firsov D; Cheval L; Reiter E; Troispoux C; Guillou F; Elalouf J M  
 CORPORATE SOURCE: Departement de Biologie Cellulaire et Moleculaire, Service de Biologie Cellulaire, CEA Saclay, Gif-sur-Yvette, France.

SOURCE: Endocrinology, (1998 Jun) 139 (6) 2784-95.  
Journal code: 0375040. ISSN: 0013-7227.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
OTHER SOURCE: GENBANK-X97568  
ENTRY MONTH: 199806  
ENTRY DATE: Entered STN: 19980708  
Last Updated on STN: 20000303  
Entered Medline: 19980624

L11 ANSWER 106 OF 126 MEDLINE on STN DUPLICATE 18  
ACCESSION NUMBER: 1998104129 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9430685  
TITLE: Identification of the **thyroid** transcription  
factor-1 as a target for rat MST2 **kinase**.  
AUTHOR: Aurisicchio L; Di Lauro R; Zannini M  
CORPORATE SOURCE: Stazione Zoologica A. Dohrn, Napoli, Italy.  
SOURCE: Journal of biological chemistry, (1998 Jan 16) 273 (3)  
1477-82.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AJ001529  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980224  
Last Updated on STN: 20020420  
Entered Medline: 19980212

L11 ANSWER 107 OF 126 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.  
on STN  
ACCESSION NUMBER: 1998:853375 SCISEARCH  
THE GENUINE ARTICLE: 134TJ  
TITLE: Regulating the balance between differentiation and  
apoptosis: role of CREM in the male germ cells  
AUTHOR: SassoneCorsi P (Reprint)  
CORPORATE SOURCE: CNRS, INST GENET & BIOL MOL & CELLULAIRE, BP 163, F-67404  
STRASBOURG, FRANCE (Reprint)  
COUNTRY OF AUTHOR: FRANCE  
SOURCE: JOURNAL OF MOLECULAR MEDICINE-JMM, (NOV-DEC 1998) Vol. 76,  
No. 12, pp. 811-817.  
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY  
10010.  
ISSN: 0946-2716.  
DOCUMENT TYPE: General Review; Journal  
FILE SEGMENT: LIFE; CLIN  
LANGUAGE: English  
REFERENCE COUNT: 34  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 108 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:57973 HCAPLUS  
DOCUMENT NUMBER: 130:276946  
TITLE: A novel arachidonic acid-related thioesterase involved  
in acute steroidogenesis  
AUTHOR(S): Finkielstein, Carla V.; Maloberti, Paula; Mendez,  
Carlos F.; Podesta, Ernesto J.  
CORPORATE SOURCE: Department of Biochemistry, School of Medicine,  
University of Buenos Aires, Argent.  
SOURCE: Endocrine Research (1998), 24(3 & 4), 363-371  
CODEN: ENRSE8; ISSN: 0743-5800

PUBLISHER: Marcel Dekker, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 109 OF 126 MEDLINE on STN DUPLICATE 19  
ACCESSION NUMBER: 1998113357 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9446799  
TITLE: Novel SR-protein-specific **kinase**, SRPK2,  
disassembles nuclear speckles.  
AUTHOR: Kuroyanagi N; Onogi H; Wakabayashi T; Hagiwara M  
CORPORATE SOURCE: Department of Anatomy, Nagoya University School of  
Medicine, Japan.  
SOURCE: Biochemical and biophysical research communications, (1998  
Jan 14) 242 (2) 357-64.  
Journal code: 0372516. ISSN: 0006-291X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AB012290  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980312  
Last Updated on STN: 20020420  
Entered Medline: 19980227

L11 ANSWER 110 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 1998137797 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9469938  
TITLE: Structural organization and chromosomal localization of the  
mouse **tesk1** (**testis**-specific protein  
**kinase 1**) gene.  
AUTHOR: Toshima J; Nakagawara K; Mori M; Noda T; Mizuno K  
CORPORATE SOURCE: Department of Biology, Faculty of Science, Kyushu  
University, Hakozaki, Fukuoka 812-81, Japan.  
SOURCE: Gene, (1998 Jan 12) 206 (2) 237-45.  
Journal code: 7706761. ISSN: 0378-1119.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AB003493; GENBANK-AB003494  
ENTRY MONTH: 199803  
ENTRY DATE: Entered STN: 19980410  
Last Updated on STN: 20020420  
Entered Medline: 19980327

L11 ANSWER 111 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 1998324450 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9662073  
TITLE: From mosquito to man: identification of a novel protein  
**kinase**, HsHPK, which is highly **expressed**  
in **human** hepatoma tissues.  
AUTHOR: Huang A M; Chang T J; Cho W L; Chou C K  
CORPORATE SOURCE: Institute of Genetics, National Yang-Ming University,  
Taipei, Taiwan, ROC.  
SOURCE: Journal of biomedical science, (1998) 5 (2) 135-40.  
Journal code: 9421567. ISSN: 1021-7770.  
PUB. COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199809

ENTRY DATE: Entered STN: 19980925  
Last Updated on STN: 19980925  
Entered Medline: 19980916

L11 ANSWER 112 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1998:478866 HCAPLUS  
DOCUMENT NUMBER: 130:137407  
TITLE: ILK ( $\beta$ 1-integrin-linked protein **kinase**  
) : a novel immunohistochemical marker for Ewing's  
sarcoma and primitive neuroectodermal tumor  
AUTHOR(S): Chung, Doo Hyun; Lee, Jong Im; Kook, Myeong Cherl;  
Kim, Jeong Ran; Kim, Soon Ha; Choi, Eun Young; Park,  
Seong Hoe; Song, H. G.  
CORPORATE SOURCE: Department of Pathology, Seoul National University  
College of Medicine, Seoul, S. Korea  
SOURCE: Virchows Archiv (1998), 433(2), 113-117  
CODEN: VARCEM; ISSN: 0945-6317  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 113 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1998:29361 HCAPLUS  
DOCUMENT NUMBER: 128:152647  
TITLE: Peutz-Jeghers syndrome is caused by mutations in a  
novel **serine threonine**  
**kinase**  
AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi;  
Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard;  
Muller, Oliver; Back, Walter; Zimmer, Michael  
CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry,  
Martinsried, 82152, Germany  
SOURCE: Nature Genetics (1998), 18(1), 38-43  
CODEN: NGENEC; ISSN: 1061-4036  
PUBLISHER: Nature America  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 114 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 1998189961 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9521809  
TITLE: Molecular **cloning** and characterization of a novel  
nuclear protein **kinase** in mice.  
AUTHOR: Zelko I; Kobayashi R; Honkakoski P; Negishi M  
CORPORATE SOURCE: Laboratory of Reproductive and Developmental Toxicology,  
National Institutes of Health, Research Triangle Park,  
North Carolina 27709, USA.  
SOURCE: Archives of biochemistry and biophysics, (1998 Apr 1) 352  
(1) 31-6.  
Journal code: 0372430. ISSN: 0003-9861.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AF080252; GENBANK-AF080253  
ENTRY MONTH: 199805  
ENTRY DATE: Entered STN: 19980514  
Last Updated on STN: 20000303  
Entered Medline: 19980504

L11 ANSWER 115 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 97362213 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 9211870  
 TITLE: Protein **kinase** A activation of the surfactant protein B gene is mediated by phosphorylation of **thyroid** transcription factor 1.  
 AUTHOR: Yan C; Whitsett J A  
 CORPORATE SOURCE: Children's Hospital Medical Center, Divisions of Neonatology and Pulmonary Biology, The Children's Hospital Research Foundations, Cincinnati, Ohio 45229-3039, USA.  
 CONTRACT NUMBER: HL38859 (NHLBI)  
 HL51832 (NHLBI)  
 SOURCE: Journal of biological chemistry, (1997 Jul 11) 272 (28) 17327-32.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199708  
 ENTRY DATE: Entered STN: 19970825  
 Last Updated on STN: 19970825  
 Entered Medline: 19970814

L11 ANSWER 116 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 20  
 ACCESSION NUMBER: 97149557 EMBASE  
 DOCUMENT NUMBER: 1997149557  
 TITLE: **Human** SAK related to the PLK/polo family of cell cycle **kinases** shows high mRNA **expression** in **testis**.  
 AUTHOR: Karn T.; Holtrich U.; Wolf G.; Hock B.; Strebhardt K.; Rubsamen-Waigmann H.  
 CORPORATE SOURCE: Dr. K. Strebhardt, Chemotherapeutisches Forschungsinst., Paul-Ehrlich-Str. 42-44, 60596 Frankfurt, Germany  
 SOURCE: Oncology Reports, (1997) 4/3 (505-510).  
 Refs: 27  
 ISSN: 1021-335X CODEN: OCRPEW  
 COUNTRY: Greece  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 016 Cancer  
 022 Human Genetics  
 028 Urology and Nephrology.  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L11 ANSWER 117 OF 126 MEDLINE on STN  
 ACCESSION NUMBER: 97126018 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 8969240  
 TITLE: The product of the ATM gene is a 370-kDa nuclear phosphoprotein.  
 AUTHOR: Chen G; Lee EYHP  
 CORPORATE SOURCE: Department of Molecular Medicine/Institute of Biotechnology, The University of Texas Health Science Center at San Antonio, San Antonio, Texas 78245, USA..  
 Lee@uthscsa.edu  
 CONTRACT NUMBER: CA49649 (NCI)  
 HD30625 (NICHD)  
 SOURCE: Journal of biological chemistry, (1996 Dec 27) 271 (52) 33693-7.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English

FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199701  
ENTRY DATE: Entered STN: 19970219  
Last Updated on STN: 19970219  
Entered Medline: 19970128

L11 ANSWER 118 OF 126 MEDLINE on STN DUPLICATE 21  
ACCESSION NUMBER: 96218175 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8647858  
TITLE: **Cloning** and characterization of GRB14, a novel  
member of the GRB7 gene family.  
AUTHOR: Daly R J; Sanderson G M; Janes P W; Sutherland R L  
CORPORATE SOURCE: Cancer Biology Division, Garvan Institute of medical  
Research, St. Vincent's Hospital, Sydney, New South Wales,  
Australia.. r.daly@garvan.unsw.edu.au  
SOURCE: Journal of biological chemistry, (1996 May 24) 271 (21)  
12502-10.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-L76687  
ENTRY MONTH: 199607  
ENTRY DATE: Entered STN: 19960805  
Last Updated on STN: 19960805  
Entered Medline: 19960722

L11 ANSWER 119 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 96215305 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8626574  
TITLE: Involvement of G protein-coupled receptor **kinase**  
5 in homologous desensitization of the thyrotropin  
receptor.  
AUTHOR: Nagayama Y; Tanaka K; Hara T; Namba H; Yamashita S;  
Taniyama K; Niwa M  
CORPORATE SOURCE: Department of Pharmacology, Nagasaski University School of  
Medicine, Nagasaki 852, Japan.  
SOURCE: Journal of biological chemistry, (1996 Apr 26) 271 (17)  
10143-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-U34841  
ENTRY MONTH: 199606  
ENTRY DATE: Entered STN: 19960708  
Last Updated on STN: 20000303  
Entered Medline: 19960621

L11 ANSWER 120 OF 126 MEDLINE on STN DUPLICATE 22  
ACCESSION NUMBER: 95255300 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 7737192  
TITLE: Distinct functional properties of three **human**  
paired-box-protein, PAX8, isoforms generated by alternative  
splicing in **thyroid, kidney** and Wilms'  
tumors.  
AUTHOR: Poleev A; Wendler F; Fickenscher H; Zannini M S; Yaginuma  
K; Abbott C; Plachov D  
CORPORATE SOURCE: Institute for Molecular Biology, Salzburg, Austria.  
SOURCE: European journal of biochemistry / FEBS, (1995 Mar 15) 228  
(3) 899-911.  
Journal code: 0107600. ISSN: 0014-2956.

PUB. COUNTRY: GERMANY: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-S77904; GENBANK-S77905; GENBANK-S77906  
ENTRY MONTH: 199506  
ENTRY DATE: Entered STN: 19950615  
Last Updated on STN: 19950615  
Entered Medline: 19950602

L11 ANSWER 121 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 95382788 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 7654208  
TITLE: Purification and characterization of a fatty acid-activated protein kinase (PKN) from rat testis.  
AUTHOR: Kitagawa M; Mukai H; Shibata H; Ono Y  
CORPORATE SOURCE: Department of Biology, Faculty of Science, Kobe University, Japan.  
SOURCE: Biochemical journal, (1995 Sep 1) 310 ( Pt 2) 657-64.  
Journal code: 2984726R. ISSN: 0264-6021.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199509  
ENTRY DATE: Entered STN: 19951005  
Last Updated on STN: 19970203  
Entered Medline: 19950927

L11 ANSWER 122 OF 126 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
ACCESSION NUMBER: 94367208 EMBASE  
DOCUMENT NUMBER: 1994367208  
TITLE: INSIGHT: Pit-1/GHF-1: A pituitary-specific transcription factor linking general signaling pathways to cell-specific gene expression.  
AUTHOR: Gutierrez-Hartmann A.  
CORPORATE SOURCE: Department of Medicine, Colorado Univ. Health Science Center, 4200 East Ninth Avenue, Denver, CO 80262, United States  
SOURCE: Molecular Endocrinology, (1994) 8/11 (1447-1449).  
ISSN: 0888-8809 CODEN: MOENEN  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L11 ANSWER 123 OF 126 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
ACCESSION NUMBER: 94:530729 SCISEARCH  
THE GENUINE ARTICLE: PD460  
TITLE: STUDIES ON HOMOLOGOUS DESENSITIZATION OF THE THYROTROPIN RECEPTOR IN 293 HUMAN EMBRYONAL KIDNEY -CELLS  
AUTHOR: NAGAYAMA Y (Reprint); CHAZENBALK G D; TAKESHITA A; KIMURA H; ASHIZAWA K; YOKOYAMA N; RAPOPORT B; NAGATAKI S  
CORPORATE SOURCE: NAGASAKI UNIV, SCH MED, DEPT INTERNAL MED 1, 1-7-1 SAKAMOTO, NAGASAKI 852, JAPAN (Reprint); VET ADM MED CTR, THYROID MOLEC BIOL UNIT, SAN FRANCISCO, CA, 00000; UNIV CALIF SAN FRANCISCO, SAN FRANCISCO, CA, 94121  
COUNTRY OF AUTHOR: JAPAN; USA  
SOURCE: ENDOCRINOLOGY, (SEP 1994) Vol. 135, No. 3, pp. 1060-1065.  
ISSN: 0013-7227.



DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 37

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L11 ANSWER 124 OF 126 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:36455 HCAPLUS  
DOCUMENT NUMBER: 118:36455  
TITLE: Phosphorylation of Nck in response to a variety of  
receptors, phorbol myristate acetate, and cyclic AMP  
AUTHOR(S): Park, Dongeun; Rhee, Sue Goo  
CORPORATE SOURCE: Lab. Biochem., Natl. Heart, Lung, and Blood Inst.,  
Bethesda, MD, 20892, USA  
SOURCE: Molecular and Cellular Biology (1992), 12(12), 5816-23  
CODEN: MCEBD4; ISSN: 0270-7306  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L11 ANSWER 125 OF 126 MEDLINE on STN DUPLICATE 23  
ACCESSION NUMBER: 88294673 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 2456825  
TITLE: The binding of a monoclonal antibody reactive with  
pp60v-src to the rat CNS both in vitro and in vivo:  
evidence that the epitope is present intracellularly as  
well as being associated with a number of antigenically  
related polypeptides located externally in the plasma  
membrane only in the synaptic region.  
AUTHOR: Lasher R S; Erickson P F; Mena E E; Cotman C W  
CORPORATE SOURCE: Department of Cellular and Structural Biology, University  
of Colorado Medical School, Denver 80262.  
CONTRACT NUMBER: NS-09199 (NINDS)  
NS-13133 (NINDS)  
RR-02701 (NCRR)  
+  
SOURCE: Brain research, (1988 Jun 14) 452 (1-2) 184-202.  
Journal code: 0045503. ISSN: 0006-8993.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198809  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 20000303  
Entered Medline: 19880915

L11 ANSWER 126 OF 126 MEDLINE on STN  
ACCESSION NUMBER: 86112088 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 2418035  
TITLE: The protein-tyrosine **kinase** substrate, p81, is  
homologous to a chicken microvillar core protein.  
AUTHOR: Gould K L; Cooper J A; Bretscher A; Hunter T  
CONTRACT NUMBER: CA17096 (NCI)  
CA28458 (NCI)  
SOURCE: Journal of cell biology, (1986 Feb) 102 (2) 660-9.  
Journal code: 0375356. ISSN: 0021-9525.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198603  
ENTRY DATE: Entered STN: 19900321  
Last Updated on STN: 19970203  
Entered Medline: 19860313

=> e walke d w/au

E1	1	WALKE D/AU
E2	2	WALKE D G/AU
E3	56 -->	WALKE D W/AU
E4	58	WALKE D WADE/AU
E5	2	WALKE DANIEL W/AU
E6	1	WALKE DANIEL WADE/AU
E7	1	WALKE E F/AU
E8	1	WALKE E N/AU
E9	1	WALKE E W/AU
E10	1	WALKE ERIK N/AU
E11	1	WALKE FRED/AU
E12	1	WALKE G/AU

=> s e3-e4

L12 114 ("WALKE D W"/AU OR "WALKE D WADE"/AU)

=> e scoville j/au

E1	2	SCOVILLE H JR/AU
E2	1	SCOVILLE HERBERT JR/AU
E3	31 -->	SCOVILLE J/AU
E4	1	SCOVILLE J G/AU
E5	12	SCOVILLE J J/AU
E6	3	SCOVILLE J M/AU
E7	2	SCOVILLE J MARK/AU
E8	5	SCOVILLE J P/AU
E9	4	SCOVILLE J R JR/AU
E10	107	SCOVILLE J T/AU
E11	39	SCOVILLE JOHN/AU
E12	1	SCOVILLE JOHN P/AU

=> s e3

L13 31 "SCOVILLE J"/AU

=> e friddle c j/au

E1	1	FRIDDIE S B/AU
E2	25	FRIDDLE C/AU
E3	50 -->	FRIDDLE C J/AU
E4	11	FRIDDLE CARL/AU
E5	57	FRIDDLE CARL J/AU
E6	41	FRIDDLE CARL JOHAN/AU
E7	2	FRIDDLE F E/AU
E8	2	FRIDDLE H/AU
E9	1	FRIDDLE J/AU
E10	2	FRIDDLE J D/AU
E11	1	FRIDDLE JOHN D/AU
E12	1	FRIDDLE JR W D/AU

=> s e3-e6

L14 159 ("FRIDDLE C J"/AU OR "FRIDDLE CARL"/AU OR "FRIDDLE CARL J"/AU OR "FRIDDLE CARL JOHAN"/AU)

=> s l12 or l13 or l14

L15 267 L12 OR L13 OR L14

=> d his

(FILE 'HOME' ENTERED AT 12:48:25 ON 06 OCT 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 12:48:49 ON 06 OCT 2004

L1 1241804 S KINASE?

L2 456430 S HUMAN AND L1  
 L3 6727935 S CLON? OR EXPRESS? OR RECOMBINANT  
 L4 225301 S L2 AND L3  
 L5 3837114 S "FETAL (A) BRAIN?" OR PITUITARY OR LUNG OR KIDNEY OR LYMPH  
 L6 24732 S L4 AND L5  
 L7 717133 S THYROID OR TESTIS  
 L8 1515 S L6 AND L7  
 L9 414238 S SERINE OR THREONINE  
 L10 196 S L8 AND L9  
 L11 126 DUP REM L10 (70 DUPLICATES REMOVED)  
 E WALKER D W/AU  
 L12 114 S E3-E4  
 E SCOVILLE J/AU  
 L13 31 S E3  
 E FRIDDLE C J/AU  
 L14 159 S E3-E6  
 L15 267 S L12 OR L13 OR L14

=> s l4 and l9

L16 23646 L4 AND L9

=> s l15 and l16

L17 10 L15 AND L16

=> dup rem l17

PROCESSING COMPLETED FOR L17

L18 8 DUP REM L17 (2 DUPLICATES REMOVED)

=> d 1-18 ibib ab

L18 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:71759 HCAPLUS

DOCUMENT NUMBER: 138:132219

TITLE: Protein and cDNA sequences of human protein kinase sequence homologs

INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian; Mathur, Daniel; Friddle, Carl Johan

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: U.S., 27 pp., 14012

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6511840	B1	20030128	US 2001-883134	20010615
PRIORITY APPLN. INFO.:			US 2000-211572P	P 20000615
			US 2000-216382P	P 20000707

AB The present invention provides protein and cDNA sequences of novel human proteins that shares sequence similarity with animal kinases including myosin kinases and unconventional myosin classes of proteins as well as serine-threonine kinases, calcium/calmodulin-dependent kinases 10 and MAP kinases. The invention encompasses the described polynucleotides, host cell expression systems, the encoded proteins, fusion proteins, polypeptides and peptides, antibodies to the encoded proteins and peptides, and genetically engineered animals that either lack or over express the disclosed polynucleotides, antagonists and agonists of the proteins, and other compds. that modulate the expression or activity of the proteins encoded by the disclosed polynucleotides that can be used for diagnosis, drug screening, clin. trial monitoring, the treatment of physiol. disorders or diseases, and cosmetic or nutraceutical

applications.

REFERENCE COUNT: 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 8

MEDLINE on STN

ACCESSION NUMBER: 2003571452 MEDLINE

DOCUMENT NUMBER: PubMed ID: 14610273

TITLE: Wnk1 **kinase** deficiency lowers blood pressure in  
mice: a gene-trap screen to identify potential targets for  
therapeutic intervention.

AUTHOR: Zambrowicz Brian P; Abuin Alejandro; Ramirez-Solis Ramiro;  
Richter Elizabeth J; Piggott James; BeltrandelRio Hector;  
Buxton Eric C; Edwards Joel; Finch Rick A; **Fridde**  
**Carl J**; Gupta Anupma; Hansen Gwenn; Hu Yi; Huang  
Wenhu; Jaing Crystal; Key Billie Wayne Jr; Kipp Peter;  
Kohlhauff Buckley; Ma Zhi-Qing; Markesich Diane; Payne  
Robert; Potter David G; Qian Ny; Shaw Joseph; Schrick Jeff;  
Shi Zheng-Zheng; Sparks Mary Jean; Van Sligtenhorst Isaac;  
Vogel Peter; Walke Wade; Xu Nianhua; Zhu Qichao; Person  
Christophe; Sands Arthur T

CORPORATE SOURCE: Lexicon Genetics, 8800 Technology Forest Place, The  
Woodlands, TX 77381, USA.. brian@lexgen.com

SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America, (2003 Nov 25) 100 (24) 14109-14.  
Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-CG472819; GENBANK-CG472820; GENBANK-CG472821;  
GENBANK-CG472822; GENBANK-CG472823; GENBANK-CG472824;  
GENBANK-CG472825; GENBANK-CG472826; GENBANK-CG472827;  
GENBANK-CG472828; GENBANK-CG472829; GENBANK-CG472830;  
GENBANK-CG472831; GENBANK-CG472832; GENBANK-CG472833;  
GENBANK-CG472834; GENBANK-CG472835; GENBANK-CG472836;  
GENBANK-CG472837; GENBANK-CG472838; GENBANK-CG472839;  
GENBANK-CG472840; GENBANK-CG472841; GENBANK-CG472842;  
GENBANK-CG472843; GENBANK-CG472844; GENBANK-CG472845;  
GENBANK-CG472846; GENBANK-CG472847; GENBANK-CG472848;  
GENBANK-CG472849; GENBANK-CG472850; GENBANK-CG472851;  
GENBANK-CG472852; GENBANK-CG472853; GENBANK-CG472854;  
GENBANK-CG472855; GENBANK-CG472856; GENBANK-CG472857;  
GENBANK-CG472858; GENBANK-CG472859; GENBANK-CG472860;  
GENBANK-CG472861; GENBANK-CG472862; GENBANK-CG472863;  
GENBANK-CG472864; GENBANK-CG472865; GENBANK-CG472866;  
GENBANK-CG472867; GENBANK-CG472868; GENBANK-CG472869;  
GENBANK-CG472870; GENBANK-CG472871; GENBANK-CG472872;  
GENBANK-CG472873; GENBANK-CG472874; GENBANK-CG472875;  
GENBANK-CG472876; GENBANK-CG472877; GENBANK-CG472878;  
GENBANK-CG472879; GENBANK-CG472880; GENBANK-CG472881;  
GENBANK-CG472882; GENBANK-CG472883; GENBANK-CG472884;  
GENBANK-CG472885; GENBANK-CG472886; GENBANK-CG472887;  
GENBANK-CG472888; GENBANK-CG472889; GENBANK-CG472890;  
GENBANK-CG472891; GENBANK-CG472892; GENBANK-CG472893;  
GENBANK-CG472894; GENBANK-CG472895; GENBANK-CG472896;  
GENBANK-CG472897; GENBANK-CG472898; GENBANK-CG472899;  
GENBANK-CG472900; GENBANK-CG472901; GENBANK-CG472902;  
GENBANK-CG472903; GENBANK-CG472904; GENBANK-CG472905;  
GENBANK-CG472906; GENBANK-CG472907; GENBANK-CG472908;  
GENBANK-CG472909; GENBANK-CG472910; GENBANK-CG472911;  
GENBANK-CG472912; GENBANK-CG472913; GENBANK-CG472914;  
GENBANK-CG472915; GENBANK-CG472916; GENBANK-CG472917;  
GENBANK-CG472918; GENBANK-CG472919; GENBANK-CG472920;  
GENBANK-CG472921; GENBANK-CG472922; GENBANK-CG472923;

[illegible]

[illegible]

[illegible]

[illegible]



GENBANK-CG473692; GENBANK-CG473693; GENBANK-CG473694;  
 GENBANK-CG473695; GENBANK-CG473696; GENBANK-CG473697;  
 GENBANK-CG473698; GENBANK-CG473699; GENBANK-CG473700;  
 GENBANK-CG473701; GENBANK-CG473702; GENBANK-CG473703;  
 GENBANK-CG473704; GENBANK-CG473705; GENBANK-CG473706;  
 GENBANK-CG473707; GENBANK-CG473708; GENBANK-CG473709;  
 GENBANK-CG473710; GENBANK-CG473711; GENBANK-CG473712;  
 GENBANK-CG473713; GENBANK-CG473714; GENBANK-CG473715;  
 GENBANK-CG473716; GENBANK-CG473717; GENBANK-CG473718;  
 GENBANK-CG473719; GENBANK-CG473720; GENBANK-CG473721;  
 GENBANK-CG473722; GENBANK-CG473723; GENBANK-CG473724;  
 GENBANK-CG473725; GENBANK-CG473726; GENBANK-CG473727;  
 GENBANK-CG473728; GENBANK-CG473729; GENBANK-CG473730;  
 GENBANK-CG473731; GENBANK-CG473732; GENBANK-CG473733;  
 GENBANK-CG473734; GENBANK-CG473735; GENBANK-CG473736;  
 GENBANK-CG473737; GENBANK-CG473738; GENBANK-CG473739;  
 GENBANK-CG473740; GENBANK-CG473741; GENBANK-CG473742;  
 GENBANK-CG473743; GENBANK-CG473744; GENBANK-CG473745;  
 GENBANK-CG473746; GENBANK-CG473747; GENBANK-CG473748;  
 GENBANK-CG473749; GENBANK-CG473750; GENBANK-CG473751;  
 GENBANK-CG473752; GENBANK-CG473753; GENBANK-CG473754;  
 GENBANK-CG473755; GENBANK-CG473756; GENBANK-CG473757;  
 GENBANK-CG473758; GENBANK-CG473759; GENBANK-CG473760;  
 GENBANK-CG473761; GENBANK-CG473762; GENBANK-CG473763;  
 GENBANK-CG473764; GENBANK-CG473765; GENBANK-CG473766;  
 GENBANK-CG473767; GENBANK-CG473768; GENBANK-CG473769;  
 GENBANK-CG473770; GENBANK-CG473771; GENBANK-CG473772;  
 GENBANK-CG473773; GENBANK-CG473774; GENBANK-CG473775;  
 GENBANK-CG473776; GENBANK-CG473777; GENBANK-CG473778;  
 GENBANK-CG473779; GENBANK-CG473780; GENBANK-CG473781;  
 GENBANK-CG473782; GENBANK-CG473783; GENBANK-CG473784;  
 GENBANK-CG473785; GENBANK-CG473786; GENBANK-CG473787;  
 GENBANK-CG473788; GENBANK-CG473789; GENBANK-CG473790;  
 GENBANK-CG473791; GENBANK-CG473792; GENBANK-CG473793;  
 GENBANK-CG473794; GENBANK-CG473795; GENBANK-CG473796;  
 GENBANK-CG473797; GENBANK-CG473798; GENBANK-CG473799;  
 GENBANK-CG473800; GENBANK-CG473801; GENBANK-CG473802;  
 GENBANK-CG473803; GENBANK-CG473804; GENBANK-CG473805;  
 GENBANK-CG473806; GENBANK-CG473807; GENBANK-CG473808;  
 GENBANK-CG473809; GENBANK-CG473810; GENBANK-CG473811;  
 GENBANK-CG473812; GENBANK-CG473813; GENBANK-CG473814;  
 GENBANK-CG473815; GENBANK-CG473816; GENBANK-CG473817;  
 GENBANK-CG473818

ENTRY MONTH:

200402

ENTRY DATE:

Entered STN: 20031216

Last Updated on STN: 20040203

Entered Medline: 20040202

AB The availability of both the mouse and **human** genome sequences  
 allows for the systematic discovery of **human** gene function  
 through the use of the mouse as a model system. To accelerate the genetic  
 determination of gene function, we have developed a sequence-tagged  
 gene-trap library of >270,000 mouse embryonic stem cell clones  
 representing mutations in approximately 60% of mammalian genes. Through  
 the generation and phenotypic analysis of knockout mice from this  
 resource, we are undertaking a functional screen to identify genes  
 regulating physiological parameters such as blood pressure. As part of  
 this screen, mice deficient for the Wnk1 **kinase** gene were  
 generated and analyzed. Genetic studies in **humans** have shown  
 that large intronic deletions in WNK1 lead to its overexpression and are  
 responsible for pseudohypoaldosteronism type II, an autosomal dominant  
 disorder characterized by hypertension, increased renal salt reabsorption,  
 and impaired K<sup>+</sup> and H<sup>+</sup> excretion. Consistent with the **human**  
 genetic studies, Wnk1 heterozygous mice displayed a significant decrease  
 in blood pressure. Mice homozygous for the Wnk1 mutation died during

embryonic development before day 13 of gestation. These results demonstrate that Wnk1 is a regulator of blood pressure critical for development and illustrate the utility of a functional screen driven by a sequence-based mutagenesis approach.

L18 ANSWER 3 OF 8 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 1

ACCESSION NUMBER: 2003-01894 BIOTECHDS

TITLE: Novel polynucleotide encoding **human** proteins that are structurally similar to animal **kinases**, useful for drug screening, diagnosis, in gene therapy of disorders and diseases e.g. cancer and pharmacogenomic applications; **recombinant** enzyme protein production and sense and antisense sequence use in disease therapy and gene therapy

AUTHOR: YU X; MIRANDA M; **FRIDDLE C J**

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002059325 1 Aug 2002

APPLICATION INFO: WO 2001-US50497 20 Dec 2001

PRIORITY INFO: US 2000-258335 27 Dec 2000; US 2000-258335 27 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-599796 [64]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding a novel **human** protein (NHP) of 2054 (S1) or 1958 (S2) amino acids given in specification, that share structural similarity with animal **kinases**, including **serine-threonine kinases**, particularly Citron rho-interacting **kinases**, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for: (1) an isolated nucleic acid molecule (II) comprising a nucleotide sequence that encodes (S1) and hybridizes under stringent conditions to a sequence (S3) of 6165 base pairs given in the specification, or its complement; and (2) an isolated nucleic acid molecule (III) comprising at least 24 contiguous bases of (S3).

WIDER DISCLOSURE - Disclosed are: (1) novel **human** proteins (NHPs) encoded by (I), that share structural similarity with animal **kinases**; (2) host cell **expressing** systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over **express** (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the **expression** or activity NHP which can be used for diagnosis, drug screening, clinical trial monitoring, treatment of diseases and disorders, and cosmetic or nutraceutical applications; (8) identifying compounds that modulate, **expression** and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (9) vectors that contain (I); (10) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit **expression** of (I); and (11) proteins that are functionally equivalent to NHPs.

BIOTECHNOLOGY - Preferred Protein: NHPs are novel proteins **expressed** in **human** cell lines and **human** testis, small intestine, fetal kidney, adenocarcinoma, embryonic carcinoma cells and osteosarcoma cells.

ACTIVITY - Nootropic; Cytostatic.

MECHANISM OF ACTION - Gene therapy. No suitable data given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene **expression** patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice

sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are utilized in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to **express** NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP **expression** and to produce genetically engineered host cells to **express** NHP products in vivo. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful for NHP gene regulation. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases including cancer. (50 pages)

L18 ANSWER 4 OF 8 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 2

ACCESSION NUMBER: 2002-12398 BIOTECHDS

TITLE: Novel polynucleotide encoding novel **human** protein sharing structural similarity with animal **kinases** e.g. **serine-threonine**, calcium/calmodulin-dependent, and myosin light chain **kinases**, useful as probes and primers; vector-mediated gene transfer, **expression** in host cell, antibody, antisense oligonucleotide and ribozyme for **recombinant** protein production, drug screening and gene therapy

AUTHOR: **FRIDDLE C J**; **HILBUN E**; **NEPOMNICHY B**; **HU Y**

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002018555 7 Mar 2002

APPLICATION INFO: WO 2000-US26776 31 Aug 2000

PRIORITY INFO: US 2000-229280 31 Aug 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-292200 [33]

AB DERWENT ABSTRACT:

NOVELTY - An isolated novel **human** protein (NHP) encoding nucleic acid, where the NHP shares structural similarity with animal **kinases** e.g. **serine-threonine**, calcium/calmodulin-dependent, and myosin light chain **kinases**, is new.

DETAILED DESCRIPTION - An isolated novel **human** protein (NHP) encoding nucleic acid, where the NHP shares structural similarity with animal **kinases** e.g. **serine-threonine**, calcium/calmodulin-dependent, and myosin light chain **kinases**, is new. The NHP nucleic acid comprises a nucleotide sequence encoding a fully defined sequence of 683 (S2), 654 (S4), 388 (S7) and 398 (S9) amino acids as given in the specification, and which hybridizes under stringent conditions to a fully defined sequence of 2052 (S1) or 1167 (S6) nucleotides as given in specification, or its complement. An INDEPENDENT CLAIM is also included for an isolated nucleic acid molecule that comprises at least 24 contiguous bases of (S6).

WIDER DISCLOSURE - The following are disclosed: (1) novel **human** proteins (NHP) having a fully defined sequence of (S2), (S4), (S7) or (S9) encoded by NHP polynucleotides where the proteins are useful for generating antibodies, reagents in diagnostic assays, identification of other cellular gene products related to NHP, as reagents in assays for screening compounds that can be used as

pharmaceutical reagents for treating mental, biological or medical disorders and diseases; (2) a nucleic acid selected from: (a) a sequence that encode mammalian homologs of NHP including the specifically described NHPs and the NHP gene products (b) a sequence that encode one or more portions of the NHPs that correspond to functional domains, and the polypeptide products specified by such nucleotide sequences (c) a sequence that encode mutant versions, engineered or naturally occurring, of the described NHPs in which all or part of at least one domain is deleted or altered, and the polypeptide products specified by such nucleotide sequences (d) a sequence that encode fusion proteins containing a coding region from an NHP or one of its domains (e.g. receptor or ligand binding domain) fused to another peptide or polypeptide, or (e) therapeutic or diagnostic derivatives of the polynucleotides; (3) agonist and antagonist of NHPs; (4) compounds that modulate the **expression** or activity of NHPs and nucleotide sequences (nucleotide constructs) that can be used to inhibit the **expression** of NHP (e.g., antisense, ribozyme molecules, etc.,) or to promote the **expression** of NHP; (5) transgenic animals that **express** NHP transgene or knock-outs that do not **express** a functional NHP; (6) processes of identifying compounds that modulate i.e., act as agonist or antagonist of NHP **expression** and/or NHP activity; (7) antibodies against NHP and idiotypic antibodies against anti-NHP antibodies; (8) fusion proteins comprising NHP protein; (9) degenerate nucleic acid variants of the NHP polynucleotide sequences; (10) DNA vectors that contain any of the NHP coding sequences and/or their complements; (11) genetically engineered host cells **expressing** NHP coding sequences operatively associated with a regulatory element; (12) analogues, derivatives and NHP homologues from other species; (13) proteins that are functionally equivalent to NHP encoded by the above described nucleotide sequences; and (14) pharmaceutical formulations comprising the NHP polynucleotide sequences.

BIOTECHNOLOGY - Isolation: The NHP polynucleotides were complied from sequences available in GENBANK, and cDNAs generated from kidney, testis, trachea, esophagus, pituitary, **human** gene trapped products ((S2) and (S4)) or bone marrow and skeletal muscle mRNAs.

ACTIVITY - None given. No biological data is given.

MECHANISM OF ACTION - Gene therapy. No biological data is given.

USE - The NHP polynucleotide sequences that encode NHPs sharing structural similarity with animal **kinases** including NIMA (never in mitosis A) related **kinases**, **serine-threonine kinases**, calcium/calmodulin-dependent **kinases**, and myosin light chain **kinases**, when knocked out provide a method for identifying phenotypic **expression** of the particular gene as well as a method of assigning function to previously unknown genes, for identifying coding sequence and mapping a unique gene to a particular chromosome and in the identification of biologically relevant splice junctions. Complementary sequences of (I) that hybridize to (I) can be used in conjunction with PCR to screen libraries, isolate **clones** and prepare **cloning** and sequencing templates. Such oligonucleotides can also be used as hybridization probes for screening libraries, for assessing gene **expression** patterns. The probes are useful for identification, selection and validation of novel molecular targets for drug discovery. Labeled NHP nucleotide probes can be used to screen a **human** genomic library which is helpful for identifying polymorphisms, determining the genomic structure of a given locus/allele and designing diagnostic tests. The probe sequences also have use in defining and monitoring both drug action and toxicity. Oligonucleotides complementary to NHPs may encode or act as NHP antisense molecules, or may be used as part of ribozyme and/or triple helix sequences. Addressable arrays comprising the NHP polynucleotides can be used to identify and characterize the temporal and tissue **expression** of a gene. The use of addressable arrays comprising the NHP polynucleotide sequence provide detailed information about transcriptional changes involved in

specific pathway, potentially leading to the identification of novel components or gene functions that manifest themselves as novel phenotypes. Microarray formats comprising NHP polynucleotide sequences can be used to screen collections of genetic material from patients who have a particular medical condition. The sequences are also useful for identifying mutations associated with a particular disease and also as a prognostic or diagnostic assay. (I) is also useful in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the described novel sequences.

EXAMPLE - None given. (46 pages)

L18 ANSWER 5 OF 8 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
ACCESSION NUMBER: 2003-00776 BIOTECHDS

TITLE: Novel polynucleotides encoding **human** proteins that are structurally related to animal **kinases**, useful for drug screening, diagnosis and in gene therapy of biological disorders;  
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening and nootropic disease and mental disorder diagnosis and gene therapy

AUTHOR: TURNER C A; MATHUR B; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002048333 20 Jun 2002  
APPLICATION INFO: WO 2001-US49068 12 Dec 2001  
PRIORITY INFO: US 2001-289422 8 May 2001; US 2000-255103 12 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-583505 [62]

AB DERWENT ABSTRACT:  
NOVELTY - Isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding a novel **human** protein (NHP) of 870, 864, 764, 751, 654, 648, 548, 535, 895, 889, 789, 776, 982, 976, 876, 863, 957, 951, 851 or 838 amino acids given in specification, that share structural similarity with animal **kinases**, including **serine-threonine kinases**, casein **kinases**, calcium/calmodulin-dependent protein **kinases** and mitogen activated **kinases**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an isolated nucleic acid molecule comprising a nucleotide sequence that encodes the sequence of 870 amino acids and hybridizes under stringent conditions to the nucleotide sequence of 2613 base pairs given in the specification or its complement.

WIDER DISCLOSURE - Disclosed are: (1) novel **human** membrane proteins (NHPs) encoded by (I), that share structural similarity with mammalian ion channel proteins and particularly voltage-gated potassium channel proteins; (2) host cell **expressing** systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over **express** (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the **expression** or activity NHP; (8) identifying compounds that modulate, **expression** and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); and (11) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit **expression** of (I).

BIOTECHNOLOGY - Preferred Protein: NHPs are novel proteins **expressed** in **human** cell lines and **human** fetal brain, brain, pituitary, cerebellum, and fetal lung, kidney, and embryo cells.

ACTIVITY - Nootropic.

MECHANISM OF ACTION - Gene therapy. No suitable data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene **expression** patterns. NHP sequences are useful to identify mutations associated with a particular

disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are utilized in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to **express** NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP **expression** and to produce genetically engineered host cells to **express** NHP products in vivo. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful for NHP gene regulation. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases.

EXAMPLE - No suitable example given. (93 pages)

L18 ANSWER 6 OF 8 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2001-13012 BIOTECHDS

TITLE: Novel isolated **human** protease polynucleotide that shares structural similarity with animal **kinases** including calcium/calmodulin-dependent protein **kinases** and **serine/threonine** protein **kinases**, useful in therapeutics; for use in gene therapy

AUTHOR: Donoho G; **Scoville J**; Turner Jr C A; Friedrich G; Zambrowicz B; Abuin A; Sands A T

PATENT ASSIGNEE: Lexicon-Genetics

LOCATION: The Woodlands, TX, USA.

PATENT INFO: WO 2001042435 14 Jun 2001

APPLICATION INFO: WO 2000-US33362 8 Dec 2000

PRIORITY INFO: US 1999-169769 9 Dec 1999

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2001-381688 [40]

AB An isolated **human** protein-kinase (EC-2.7.1.37) polynucleotide (NHP) (I) selected from a polynucleotide comprising at least 24 contiguous bases of a sequence (S) comprising 1,158 bp, a sequence that encodes a 385 or 356 amino acid sequence, and a sequence that hybridizes under stringent conditions to S or its complement, is claimed. (I) is useful in therapeutic, diagnostic and pharmacogenomic applications. (I) is useful for the detection of mutant NHP, or inappropriately **expressed** NHPs for the diagnosis of a disease. (I) is useful for drug screening (or high throughput screening of combinatorial libraries) effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body. (I) is useful in conjunction with polymerase chain reaction to screen libraries, isolate **clones**, and prepare **cloning** and sequencing templates. (I) is useful as hybridization probe for screening libraries, and assessing gene **expression** patterns. (31pp)

L18 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:798406 HCAPLUS

DOCUMENT NUMBER: 135:340264  
 TITLE: Protein and cDNA sequences of novel **human** protein **kinases** homologs and uses thereof in diagnosis, therapy and drug screening  
 INVENTOR(S): Hu, Yi; Nepomnichy, Boris; Wang, Xiaoming; Donoho, Gregory; Scoville, John; **Walke, D. Wade**  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001081557	A2	20011101	WO 2001-US13149	20010424
WO 2001081557	A3	20020822		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002081600	A1	20020627	US 2001-841683	20010424
US 6617147	B2	20030909		
EP 1276873	A2	20030122	EP 2001-930687	20010424
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004511205	T2	20040415	JP 2001-578628	20010424
US 2004115693	A1	20040617	US 2003-620845	20030715
PRIORITY APPLN. INFO.: US 2000-199499P P 20000425				
US 2000-201227P P 20000501				
US 2001-841683 A1 20010424				
WO 2001-US13149 W 20010424				

AB This invention provides protein and cDNA sequences for newly identified **human** proteins, designated NHPs, which shares structural similarity with animal protein **kinases**, including multifunctional calcium-calmodulin dependent protein **kinase** and **serine/threonine** protein **kinases**, ribosomal protein **kinases**, and CAMP-dependant **kinases**. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L18 ANSWER 8 OF 8 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS  
 DOCUMENT NUMBER: 135:191337  
 TITLE: Protein and cDNA sequences of novel **human** **kinase** homologs and uses thereof in diagnosis, therapy and drug screening  
 INVENTOR(S): **Walke, D. Wade**; Hu, Yi; Nepomnichy, Boris; Turner, C. Alexander, Jr.; Zambrowicz, Brian  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 70 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

AB This invention provides protein and cDNA sequences for newly identified **human** proteins, designated NHPs, which shares structural similarity with animal **kinases**, including cell division control protein **kinases**, **serine/threonine** protein **kinases** and membrane-associated guanylate **kinases** (MAGUKs). The NHPs are novel proteins that are **expressed** in, inter alia, **human** cell lines and **human** fetal and adult brain, pituitary, cerebellum, thymus, spleen, lymph node, bone marrow, trachea, fetal and adult liver, prostate, testis, thyroid, adrenal gland, pancreas, salivary gland, stomach, small intestine, colon, uterus, placenta, mammary gland, adipose, esophagus, bladder, cervix, rectum, pericardium, hypothalamus, ovary, fetal and adult kidney, and fetal lung cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

=&gt; d his

(FILE 'HOME' ENTERED AT 12:48:25 ON 06 OCT 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 12:48:49 ON 06 OCT 2004

L1 1241804 S KINASE?

L2 456430 S HUMAN AND L1

L3 6727935 S CLON? OR EXPRESS? OR RECOMBINANT

L4 225301 S L2 AND L3

L5 3837114 S "FETAL (A) BRAIN?" OR PITUITARY OR LUNG OR KIDNEY OR LYMPH

L6 24732 S L4 AND L5

L7 717133 S THYROID OR TESTIS

L8 1515 S L6 AND L7

L9 414238 S SERINE OR THREONINE

L10 196 S L8 AND L9

L11 126 DUP REM L10 (70 DUPLICATES REMOVED)  
E WALKER D W/AU

L12 114 S E3-E4  
E SCOVILLE J/AU

L13 31 S E3  
E FRIDDLE C J/AU



L14 159 S E3-E6  
L15 267 S L12 OR L13 OR L14  
L16 23646 S L4 AND L9  
L17 10 S L15 AND L16  
L18 8 DUP REM L17 (2 DUPLICATES REMOVED)

	L #	Hits	Search Text
1	L1	1	6797510.pn.
2	L2	51866	kinase\$2
3	L3	54045	serine or threonine
4	L4	7140	12 same 13
5	L5	1974	human same 14
6	L6	66498 4	clon\$3 or express\$3 or recombinant
7	L7	1033	15 same 16
8	L8	82567	lung or thyroid or testis or pituitary
9	L9	73827	kidney or "feat brain" or lymph
10	L10	74349	kidney or "fetal brain" or lymph
11	L11	11891 4	18 or 110
12	L12	265	17 same 111
13	L13	2078	human adj3 12

	L #	Hits	Search Text
14	L14	121	112 and 113
15	L15	1372	SCOVILLE WALKE FRIDDLE
16	L16	0	114 and 115
17	L17	22	17 and 115

	Issue Date	Pages	Document ID	Title
1	20040909	85	US 20040175751 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
2	20040722	89	US 20040142366 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
3	20040715	67	US 20040137593 A1	Regulation of human serine/threonine protein kinase-like protein
4	20040715	111	US 20040137499 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
5	20040701	320	US 20040126861 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
6	20040624	483	US 20040121396 A1	Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses
7	20040527	56	US 20040101857 A1	Modulation of cytokine-inducible kinase expression
8	20040527	35	US 20040101529 A1	REGULATION OF HUMAN SERINE-THREONINE PROTEIN KINASE
9	20040520	61	US 20040097409 A1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes

	Issue Date	Pages	Document ID	Title
10	20040513	78	US 20040092469 A1	Androgen-regulated PMEPA1 gene and polypeptides
11	20040513	207	US 20040091993 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
12	20040513	42	US 20040091992 A1	PAK4 - related antibodies
13	20040408	53	US 20040067568 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
14	20040325	82	US 20040058325 A1	Gene expression in biological conditions
15	20040318	209	US 20040053317 A1	Gene segregation and biological sample classification methods
16	20040318	287	US 20040053245 A1	Novel nucleic acids and polypeptides
17	20040311	152	US 20040048310 A1	Novel human protein kinases and protein kinase-like enzymes
18	20040311	267	US 20040048249 A1	Novel nucleic acids and secreted polypeptides
19	20040304	184	US 20040043466 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
20	20040304	66	US 20040043375 A1	Regulation of human serine-threonine protein kinase
21	20040226	259	US 20040038207 A1	Gene expression in bladder tumors
22	20040212	24	US 20040030112 A1	Human testis specific serine/threonine kinase 3
23	20040212	277	US 20040029216 A1	Proteins, polynucleotides encoding them and methods of using the same
24	20040205	71	US 20040023231 A1	System for identifying and analyzing expression of are-containing genes
25	20040115	73	US 20040010136 A1	Composition for the detection of signaling pathway gene expression
26	20040115	484	US 20040009479 A1	Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
27	20040108		US 20040005559 A1	Markers of neuronal differentiation and morphogenesis
28	20031218	111	US 20030232408 A1	ISOLATED HUMAN KINASE PROTEINS
29	20031211	122	US 20030228595 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
30	20031127		US 20030219862 A1	Novel compounds
31	20031113	23	US 20030211563 A1	Human testis specific serine/threonine kinase 1 & 2

	Issue Date	Pages	Document ID	Title
32	20031113		US 20030211093 A1	Human kinases
33	20031106	128	US 20030207311 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
34	20030918		US 20030175771 A1	Human Transcriptomes
35	20030918		US 20030175733 A1	Polypeptides having diagnostic, preventive, therapeutic, and other uses
36	20030911		US 20030170713 A1	Method of detecting androgen-regulated gene
37	20030904		US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
38	20030904	17	US 20030166025 A1	Antiproliferative Sgk reagents and methods

	Issue Date	Pages	Document ID	Title
39	20030821		US 20030157082 A1	Methods and compositions for treating cancer using 140, 1470, 1686, 2089, 2427, 3702, 5891, 6428, 7181, 7660, 25641, 69583, 49863, 8897, 1682, 17667, 9235, 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160, 9252, 9389, 1642, 85269, 10297, 1584, 9525, 14124, 4469, 8990, 2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943, 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099, 2150, 26583, 2784, 8941, 9811, 27444, 50566 or 66428 molecules
40	20030814	278	US 20030154032 A1	Methods and compositions for diagnosing and treating rheumatoid arthritis
41	20030731		US 20030143690 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
42	20030626		US 20030119720 A1	Oligopeptide treatment of anthrax
43	20030626		US 20030119037 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
44	20030619		US 20030113733 A1	Gene regulator
45	20030612		US 20030108871 A1	Genes expressed in treated human C3A liver cell cultures
46	20030605		US 20030104393 A1	Blood assessment of injury



	Issue Date	Pages	Document ID	Title
47	20030501		US 20030082586 A1	Antibodies having diagnostic, preventive, therapeutic, and other uses
48	20030501	78	US 20030082511 A1	Identification of modulatory molecules using inducible promoters
49	20030417		US 20030072794 A1	Encapsulation of plasmid DNA (lipogenes.TM.) and therapeutic agents with nuclear localization signal/fusogenic peptide conjugates into targeted liposome complexes
50	20030403		US 20030065156 A1	Novel human genes and gene expression products I
51	20030327		US 20030059918 A1	Regulation of human serine/threonine protein kinase
52	20030313		US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
53	20030306		US 20030044783 A1	Human genes and gene expression products
54	20030227		US 20030040089 A1	Protein-protein interactions in adipocyte cells
55	20030220		US 20030036526 A1	Leptin-mediated gene-induction
56	20030206		US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
57	20030130		US 20030022341 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
58	20030130		US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
59	20030130		US 20030022337 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
60	20030130		US 20030022279 A1	Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses
61	20030130		US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
62	20030123		US 20030017167 A1	Compositions and methods for the therapy and diagnosis of colon cancer
63	20021128		US 20020177205 A1	Mammalian alpha-kinase proteins, nucleic acids and diagnostic and therapeutic uses thereof
64	20021031		US 20020160382 A1	Genes expressed in colon cancer
65	20020919		US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

	Issue Date	Pages	Document ID	Title
66	20020912		US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
67	20020627		US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF
68	20020530		US 20020064843 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
69	20020404		US 20020040127 A1	Compositions and methods for the therapy and diagnosis of colon cancer.
70	20020328		US 20020037538 A1	Compositions, kits, and methods for identification, assessment, prevention, and therapy of psoriasis
71	20011122		US 20010044103 A1	Methods for the diagnosis and prognosis of acute leukemias
72	20040525		US 6740513 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
73	20040427		US 6727066 B2	Genes expressed in treated human C3A liver cell cultures
74	20040316		US 6706511 B2	Isolated human kinase proteins

	Issue Date	Pages	Document ID	Title
75	20040316		US 6706510 B2	Isolated human kinase proteins
76	20040217		US 6692948 B2	Isolated human kinase proteins
77	20040203		US 6686176 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
78	20040120		US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
79	20040106		US 6673549 B1	Genes expressed in C3A liver cell cultures treated with steroids
80	20031223		US 6667168 B1	PAK4, a novel gene encoding a serine/threonine kinase
81	20031125		US 6653117 B2	Isolated human kinase proteins
82	20031028		US 6638745 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
83	20030909		US 6617117 B1	MAP kinases: polypeptides, polynucleotides and uses thereof
84	20030902		US 6613506 B1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes

	Issue Date	Pages	Document ID	Title
85	20030819		US 6607879 B1	Compositions for the detection of blood cell and immunological response gene expression
86	20030701		US 6586185 B2	Use of polypeptides or nucleic acids for the diagnosis or treatment of skin disorders and wound healing and for the identification of pharmacologically active substances
87	20030520		US 6566130 B1	Androgen-regulated gene expressed in prostate tissue
88	20030429		US 6555352 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
89	20021231		US 6500938 B1	Composition for the detection of signaling pathway gene expression
90	20021231		US 6500656 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
91	20021210		US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
92	20021210		US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
93	20021119		US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
94	20021112		US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
95	20021001		US 6458561 B1	Human NIM1 kinase
96	20020709	18	US 6416759 B1	Antiproliferative Sgk reagents and methods
97	20020611		US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
98	20020122		US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
99	20020101		US 6335170 B1	Gene expression in bladder tumors
100	20020101		US 6335169 B1	Nucleic acids encoding hBub1, a cell cycle checkpoint gene
101	20011218		US 6331396 B1	Arrays for identifying agents which mimic or inhibit the activity of interferons

	Issue Date	Pages	Document ID	Title
102	20011127		US 6323318 B1	Human protein kinases hYAK3-2
103	20011009		US 6300098 B1	Human signal transduction serine/threonine kinase
104	20010327		US 6207148 B1	Disease associated protein kinases
105	20001226		US 6165766 A	Human protein kinases hYAK3
106	20000411		US 6048706 A	Human PAK65
107	20000307		US 6034228 A	Human signal transduction serine/threonine kinase
108	20000111		US 6013500 A	PAK4, a novel gene encoding a serine/threonine kinase
109	20000111		US 6013464 A	Human PAK65
110	19991109		US 5981248 A	Mammalian cell death preventing kinase, DPK
111	19991026		US 5972676 A	Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders

	Issue Date	Pages	Document ID	Title
112	19991012		US 5965420 A	Human protein kinases hYAK3
113	19991005		US 5962312 A	Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders
114	19991005		US 5962265 A	Human signal transduction serine/threonine kinase
115	19991005		US 5962232 A	Protein kinase molecules
116	19990323		US 5885803 A	Disease associated protein kinases
117	19981006		US 5817479 A	Human kinase homologs
118	19971216		US 5698445 A	Human PAK65
119	19971216		US 5698428 A	Human PAK65
120	19970225		US 5605825 A	Human PAK65



	Issue Date	Pages	Document ID	Title
121	19960521		US 5518911 A	Human PAK65

	Issue Date	Pages	Document ID	Title
1	20040916	20	US 20040180416 A1	Novel human kinases and polynucleotides encoding the same
2	20040909	17	US 20040175749 A1	Novel human kinases and polynucleotides encoding the same
3	20040617	20	US 20040115693 A1	Novel human kinase proteins and polynucleotides encoding the same
4	20040122	14	US 20040014112 A1	Novel human kinase proteins and polynucleotides encoding the same
5	20031204	78	US 20030225257 A1	Novel human kinases and polynucleotides encoding the same
6	20030925	18	US 20030181705 A1	Novel human kinases and polynucleotides encoding the same
7	20030904	20	US 20030166889 A1	Novel human kinases and polynucleotides encoding the same
8	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
9	20021031	78	US 20020161213 A1	Novel human kinases and polynucleotides encoding the same
10	20021010	21	US 20020147320 A1	Novel human kinase proteins and polynucleotides encoding the same
11	20020905	26	US 20020123622 A1	Novel human kinases and polynucleotides encoding the same
12	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same
13	20020627	20	US 20020081600 A1	Novel human kinase proteins and polynucleotides encoding the same
14	20020328	54	US 20020038011 A1	Novel human kinases and polynucleotides encoding the same
15	20040928	17	US 6797510 B1	Human kinases and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
16	20040817	20	US 6777545 B2	Human kinases and polynucleotides encoding the same
17	20040511	26	US 6734009 B2	Human kinases and polynucleotides encoding the same
18	20030805	14	US 6602698 B2	Human kinase proteins and polynucleotides encoding the same
19	20030715	18	US 6593125 B2	Human kinases and polynucleotides encoding the same
20	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same
21	20030401	11	US 6541252 B1	Human kinases and polynucleotides encoding the same
22	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same